STORM DATA



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DIRECTOR NATIONAL CLIMATIC CENTER

	_														·				DECEMBER 1980
	!	CAL	РАТН	Ē		OF SONS	ESTIM. DAM	ATED† AGE				CAL,	РАТН	Ē	NO. PER			ATED†	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
ALABAMA	Dece	aber was	gener	ally co	ld a	d dr	mont	over	Alabama.	COLORADO (con Boulder	10	ed) morning ds up to	60 mph	whistl	0 d th	0 ough		0	High winds
ALASKA		j					į) 	Northeastern Foothil	ls 11	all day	1	l Imph wa	0	0	0	 0 bulder	High winds and Buckhorn
Aleutians	6-7			 	0	?	7	0	High Winds		III.Oʻl	ntain.	 						and backhorn
	of t	he eastern hern Berin	Aleui g Sea	ians ar brought	da sus	arge aine	high i stro	ressu ng mor	oving storm south re system in the theast winds over had winds over	Boulder	75	mook wind mph.	blew	throug 		nigh	İ		High winds gust recorded was
	80 n	ph doing c	ver 40	millic	n do	lars	damag	to t	ne town and	Northeast Foothills	Αg	morning ust of 74 lder note	mph w	s reco	ded f	0 at Bu 2, mph	ckhorn	0 mount	High winds ain at 520 am.
South Central	Rain sub- Trav and Most	kero tempe el was bro most major	rature ught t arter s eith	s iced o a sta ies int er neve	up rendst	ads 11 a cit ned	hrough most were or clo	roads close ed ea	Freezing Rain by weeks of he Anchorage area. were impassable h by State Police. rly. There were ones.	Northeast Foothilla	An For are	ther chings the aftestimated to Collins at mo detection west with the collins at	rnoon gust and ils w	of the of 100 in there we avairate avairate	24th ph w re r llabl at	thro thro as re eport Wo	ugh the ported s of p pdervu h, wit	ds alo e morn 10 mi ropert , sout h a pe	High winds ng the foothills ing of the 25th. les northwest of y damage in the nwest of Boulder, ak gust of 90 mph. of 50 to 60 mph.
ARIZONA			NONE	REPORT	TED					CONNECTICUT		 	NO D	i ata re: 	 CE1VE 	ED			
ARKANSAS	8	8:20 p.		 		0	5	0	Lightning	DELAWARE		 	NONE	REPOR	TED			 	
Monroe County		CST	! !	 			į			FLORIDA			NO DA	i LTA REG	i i	[D		ĺ	
		htning cau age was es							Community Center,	GEORGIA)) }	
CALIFORNIA NORTHERN 6 CEN	TRAL		 	[!	l I I	i	Chatham County		Entire Entire	Í ((0	0	5	 ? 	Freezing Rain
Del Norte and Humboldt Counties	1-3				٥	0	4	0	Bigh winds/		Ligi	t rain be	an to	freeze	on t	rees	betwee	n 6 an	d 7 PM and continu-
	witl	 than 300 most sign nd 5 pm o	ifica	t outa	ges 1	p Del	Norte	Count	riy]		pow	for most o er lines, sing from	causin	power	outa	tree ges f 	limbs or 6,0	proke 00 cus	and fell on tomers for periods
	Mino mosi	on the 2: pr floodin: ly minor:	d. repo aud an	ted in	Eure 11des	ka. A	 so, s ted.	evera: Two		HAWAII		 	NO D	ATA RE	CEIVE	ED	 	 	
	her 9 m	te were in the trying the north	of Ga	oid on	e of le on	the r	bcksli way 10	des L	i 	IDAHO Coeur d'Alene River Basin, Shoshone Count	24-		 	 		0	6	0	Flooding
	hou	ydew(in H during t period e cent City	ding	ll pas o	n the	2nd.		Ĺ.,		basin, shoshone count	Hea cau	y rainfal sed floodi verts and	hg. 1	here wa	snow s ext	pack ensi	 produ e dam	ed hi	h river flows that roads, houses,
Sheata Causan	a po	ak gust o	49 =	hat 8	43am 0	on t	ne 2nd	į. (.	 										
Shasta County					ļ. 			!	High winds/ heavy rains	ILLINOIS			NONE	REPOR	TED		 		
	the and 70 m	went wind Redding F The 3rd w ph near R Bes repor Reytown N	ire We ith an edding ted.	ther S unoffi There	eial were	n on gust only	both t to are minor	ne 2m und powe	d . 	INDIANA Northeast Indiana	24 Fort	Morning Wayne rep	0	0 lew snor	fall	of 3	0	0 Maximu	Snow
	8.9. sto	of rain m total. I e 6.22" o	on th Linor	2nd a 10odin	ad mo	re th	in 12'	as a	, i		respo	t on the hability							
Sierra Nevada and Trinity Mountains	1-3				٥	٥٠	0	0	Heavy snow	Indiana	29	Morning	0	0	0	0	0	0	Snow, freezing rain, sleet
	four feet off	t heavy s feet to to Norde tilal repo tity Mount	assen Neva tts of	Park S da Coun lup to	ti Ar ty). 14" o	t and	plarou were in t	nd two on- the	1iy ol ! !		sleen to cr Fort accur	g the ear slipped eate slip Wayne repulation i	nto In ery re	diana, ads and new snow	Illi a f fall	ois w be	land Ke Int fer In Ge	ntucky ders. neral	
CALIFORNIA SOUTHERN			NONE	REPOR	TED					1	STOW	 Horning Wayne rep depth rep	rted	new sno in area	vfall Ang	gola	⊢ 6",	0 Total	Snow
COLORADO Eastern Foothills	no re	thwest of	o 80 m Fort eak Ru	Collins t of 6	repo Buc mph	khorn Wel	near R mount 1 to t	ed Fea ain, i he sou	High winds ther Lakes, n the same area, th at the Air gust was noted.		Aubur	dn - 4", S	puth B	ena - 2	-3",	oerne	- 2".		

	ı	6	PATH	Æ	PER	OF SONS		IATED† IAGE				CA1	PATH	Ę		. OF SONS	EST II	MAGE	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P	WIOTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
IOWA		!		İ			-			MASSACHUSET'	rs		NO DA	TA REC	EIVE	D	į	1	İ
STATEWIDE	7 8	230P- 1200P			0	0	4	0	Ice Storm				! !			ļ	ĺ		į
	An Inc	ce and sl	ommon.	preced	ed be	low f	reezi	ie tem	rain, 1 1/2 to 3 eratures in South sidewalks were. off roads into	MICHIGAN 2 S Imlay City, Lapeer county.		4.30AM	 - - 	htion d		0	4		Gusty Wind
Southeast Two-Thirds	23 24	hes and o	nto th	p media 	h alo	ng th	e Inte	rstate	Ice Storm	MINNESOTA	500	Callder C		REPOR			 		
	An cau	ce storm sed very s	preced Lipper cident	ed the y condi s inclu	arriv cions ded f	al of . Au atali	1/2 tomob ties	o 2 in le actue to	ches of snow which idents occurred.	MISSISSIPPI				REPOR		 			!
KANSAS	6-8			 		0	6	 	Ice Storm	MISSOURI			NONE	REPOR	ŢED	 	 		
Hortheast Sections	Free	iged to fre	ezing	Irain a	d mov	orth	centra est th	rough	as on the 6th the night of the 8th. Heavy glazing	MONTANA		 	NONE	i REPOR	TED	 	 		
	of t	uced cons he west, o	derabl entral ord,	e dama and ti awnee,	e to e no Reno	powel theal	r line st wit	s and h the	trees in portions most serious in Saline, Dickinson,			! 	 	 		 			
		1	i	í	į.	durin	a the	l Bay of	the 7th in the	NEBRASKA Southeast Nebraska	7	Early	ļ	Ì	6	1	5	0	Ice Storm
	nort	hwest and heast. In about 70	inortho de accu lmiles	¢entral µmulatio lwide co	and ns o	that 1/2 d on	night to l a lir	lin th inch w inch w	e northcentral and ere common in a Dodge City to			Morning to Evening		,			 		
	repo	prted in pa	rts of	the ni	rthw	est.	Scatt	ered p	3/4 inch were also ower interruptions e damage was		Free thro	zing rain ugh Decat	fell r. A	southea ccumula	t of	a 11 ce do	he fr	om Alma numerou	l ¥ ⊌B
	incu	rred in ti elsplinter∈	e area	from utility	odge pol	City es sn	to Sa apped	betha. by the	There, trees heavy load of ice.		util many	ity lines accident	and t	ees an	d was ds di	resp ed an	bnsib d man	le for y more	
	Near	nily all of Lipral and no	the no	rthcen t expe	tral tienc	and n	orther ver ou	n cour Lages.	ties of the south- Some rural areas		to t	injured he storm.	Port	ions of	the	Inter	state	vere	
	were	still wi	thout e	electri	tity (bn th	2 10th	<u>፡</u> !			dama	ed for a ged some acularly	dutos	and bui	ding	ф. Т	he st	om was	
KENTUCKY			 NONE	REPOR	TED.		i		[Beat	rice, Tec e areas i	umseh,	Humbo 1	t an	d Paw	niee C	ity. I	<u> </u>
RENTOCKT		ļ		i		i I	! !				thou serv	sands were tee for u	e left p to 7	withou hours	ele At	ctric	and time	telepho over	pe
LOUISIANA			NONE	REPOR	TED	 	 	 				but power					'		i
MAINE			 						!	NEVADA	2-3	02/048				١,			i Windstorm
Statewide	3-4	Aftn-Eve			0	0	6	0	Windstorm	Reno/Carson City area	2-3	02/04P 03/22P	Dar	 Bage to	i 0 Inower	j O I Il lin	5 5 ti	l 0 Hes. v	windstorm ehicles,
	Hig	winds sn	apped	htility	pole	s in	two,	proot	ed and snapped off In turn, they			! !	sig	ns and	roof:	d. A	peak	dust o	f 81 mph ational
	tor	¢ down mor	e util	ty pol.	es an	uH lin∣	es, c	dashed	onto houses and lifted off their					port, I					
	fou	dations.	Numer	ous ant	ennas	chi	mneys Love	and 1	erge road signs deham-Waterford	NEW HAMPSHI	RE	i i		Į	ļ	ļ	į \		
	are	a in Oxfor	d Coun	‡y, St	pneha	m was	cut	qff fr	om the outside cades across the	Statewide	ļ	Early Aft	i	İ	0	0	6	0	Windstorm
	roa	ds. Wind	gusts	through	this	mour	taino	ds reg	ion were estimated acres of woodlands										ed and snapped of ter. In turn, th
	wer to	e leveled. 69 mph on	At the 4t	he Knox h, snap	Coun	ty Af	rport ie-do	, Owls wns on	Head, winds gusted one light aircraft		veh:	cles and	1ocke	many	roads	3. M	dbile	homes	onto homes and were lifted off
	Por	tland Jetp	ort wa	s 50 mp	h and	at t	he AM	S in	eak wind at the Greenville, 51 mph.		and	large ros	ıd sigr	ıs were	flat	tened	Thi	laj type	dnnas, chimneys of damage was
	Hig	h wind war 	hings	were in	effe	ct fo	r the	Weste	n Mountains.		Val:	ley, Graft	on Cou	ιἡty).	Most	bf ti	le Jac	kkson-B	dt hit (Watervil ertlett area in
37. 777 . 337 .	_		İ	İ							Spor	s to 46 h	iburs.	A Jack	son 1	es1d	ent re	corded	ours with isola
MARYLAND & North Central	D.C 2-3	ì		 	0		4	. 0	Wind		Note	ah country	/ Ato	oþ Mt. V	/ashi:	gton	(elev	ation	th throughout the ,288 ft) the per need averaged 100
	1	¦	up to	70 mph	ļ	! !		!	tal system moved		mph	or more f	Eþr 20	consecu	ırive	hour	d begi	laning	at 8 pm on the of the summit sin
	in	Frederick	County	as we	11 as	in t	he Ba	Ltimor	len trees reported City area and		194	1. Other	report	s estir	ated	igust	d betv	rejen 70	and 80 mph alon
	dam	tounding o	ountie os and	other	debr	is al	so bl Trans	ocked port o	poads and caused I mobile homes and		thr	dughout th	ne stai	te said	Tree	ds we	re fal	ling 1	drn part of the dwn officials #ke dominoes" an
	the	Francis S							durs from crossing sted at \$30,000 -		l "It	was a min	racle i	ab one s	nas k	illed	or in	dured.	" High wind
Cumberland & Lavale, Allegany County	14	Afternoo	į	 	!	٥	3	0	Wind	NEW JERSEY			SEE	END OF	TAB	LE	 		
	nes in	s establis	nments	report e of th	ed wi e bri	ndow cks d	damag amagi	and.	ruption. Some busi- wall was toppled adjacent home.	NEW MEXICO			NONE	REPOR	TED	İ			
Statewide and Distric		1	İ	ĺ	i i	20	0	0	Glaze				İ	İ				İ	
of Columbia	Lig	t rain th	at mov	ed into	the	area	durin	the	pre-dawn hours,	NEW YORK									
	fro pol	ze almost Stan areas	lmmedi. was a	etely o 11 but	n sur Immob	faces 111ze	. Rusi d. wi	hour h som	traffic in metro-	COASTAL		İ	SEE	END OF	TAB	ĻE	İ		
	lon al	g. Hundred yehicles.	s of t Hospit	raffic als tre	accid ated	ents much	resul more	eds	me involving sever⊣ me usual number of			İ		İ	į		İ	'	
	inj	ųries due nty was re	o fal	ls. One	weat	her-r	elate	acci	dent in Queen Annes				İ	İ	Ì	İ			

DECEMBER 1980 ESTIMATED! DAMAGE ESTIMATED! PATH PATH TIME - LOCAL STANDARD TIME - LOCAL STANDARD WIDTH OF PATH (YARDS) WIDTH OF PATH (YARDS) CHARACTER CHARACTER LENGTH OF I LENGTH OF (MILES) PLACE PLACE OF STORM PROPERTY PROPERTY OF STORM INJURED KILLED INJURED KILLED CROPS CROPS DATE DATE NEW YORK PENNSYLVANIA CENTRAL EASTERN Eastern 6 PM ESTI to 4 PM EST AREAWIDE 2 0 1 5 4 0 Wind 4 3 2A-4P 0 n O WIND 35 TO 45 MPH WINDS GUSTING TO 60MPH AT TIMES, DOWNED MANY TREES AND POWERLINES CAUSING MANY POWER OPTIGES. TEMPERATURES IN THE TEEMS WERE LOWERED TO WIND CHILL READINGS OF 20 NO 30 BELIOW ZERO WITH TEMPERATURES THE PREVIOUS DAY MAR 60. LAKE KYPECT SNOW ALSO CAUSED SLIPPERY ROADS AND MANY TRAFFIC ACCIDENTS. Strong wind gosts downed trees, limbs and utility poles. The winds also damaged or collapsed sond small buildings, tore siding and proof covering off houses and overturned mobile homes. At least 7 mobile homes were overturned or moved by the wind. Seven people were in two of the overturned mobile homes and 4 received mindr injuries. Porch roofs, signs and at least one store window were blown down by the wind. Falling trees damaged automobiles and houses. A falling tree limb struck and injured a man in North Coventry Township, Chester County. Although a few thunderstowns accompanied the cole front that passed between 6 and 8 PM on the 2nd, most of the damaging winds were gradient winds that followed the front in the colder air. Some of the higher gusts reported were Chambersburg 64 MPH, Lancaster 37 MPH, Allentown 55 MPH, Williamsport 51 MPH and Wilkes-Bartre-Scranton 50 MPH. 0 0 4 AREAWIDE 0 COLD WAVE ARTIC AIR DESCENDED ON THE AREA DROHPING TEMPERATURES TO 10 TO 25 DEGREES BELOW ZERO. OLD FORCE IN THE ADISONDACES REPORTED A LOW OF 38 DEGREES BELOW ZERO. MANY RECORD LOW TEMPERATURES WERE BROKEN AND WINDS CREATED WIND CHILL TEMPERATURES FROM 30 TO 70 ERLOW ZERO. MANN WATER FIFER FROZE IN BOWES AND BUSINESSES AND MANY FEOFEL RAD A CHEAT DEAL OF TROUBLE STARTING THEIR AUTOMOBILES. WINDS GUSTED TO OVER 30 MPB AND SUMEROUS REFORTS WERE HECEIVED OF PROSTBITE BY AREA HOSPITALS. SOME AREA LOST POWER WHEN ELECTRIC LINES SNAPPED FROM THE COLD AND THE WIND. MANY TRAFFIC ACCIDENTS WERE ALSO REPORTED DUE TO SLILK ROADS AND BLOWING AND DRIFTING SNOW. Eastern 0 0 2 15 16 0 Snow NEW YORK Light snow falling for most of 24 hours accumulated from 2 to 4 inches and resulted in quite hazardous roadway conditions. Numerous automobile accidents resulted from the slippery konditions. Only around 1 inch accumulated in the extreme southeast corner of the state. WESTERN Erie, Niagara, Orlea 0 5 Q Marning Genesee, Wyoming, Monroe, Wayne, Chau-tauque, end Cattaraugu Counties Strong winds with gusts of more than 50 mPH accompanied by blowing snow raked Western New York. I Tree limbs were turn off and stream loomeny roads. Siectrical and telephone lines were broken. Burglar alarms were tripped on. Many schools and offices were forced to close. Many windows and doors were bloom away. There were many vehicular accidents due to icy roads and low visibility. Four persons died of heart attacked ter shoveling snow. Eastern 0 0 2 11 AM to 0 Snow t snow that accumulated to 1 to 8 inches caused slippery road-for Christmas Eve. NORTH CAROLINA PENNSYLVANIA Brunswick and New Hanover 5 Winter Storm WESTERN NONE REPORTED Counties. Severe erosion along beach from s in New Hanover and Brumswick Counties. Seven houses were undermined with bulkheads destroyed. From 30 to 1800 feet of three fishing plers were waghed away. A 28 foot obssel was sunk while tied up in a marina. Dolldr losses over \$200,000. PUERTO RICO Waterspout Off Western Puerto Rico 0 0 0 0 8:00 a NO DATA RECEIVED RHODE ISLAND NORTH DAKOTA NONE REPORTED SOUTH CAROLINA OHIO 23 24 Afternoon 4 0
sevening
Four to 10 inches of snow fell on the northern
of the state. The snow was accompanied by 80 to
winds which limited visibilities and drifted s
Some minor wird damage was reported. Northwest and Apriad of freezing rain early morning of the 23rd brought icy roads to much of the northwest half of the state. Ice was reported on rads and/or trees from Chesterfield, York, and Lancaster Counties, southwestward to Richland County. There were numerous auto accidents in northwest South Carbinia. At least two deaths were attributed to the slick roads—one in Anderson County, the other in Green ille Gounty 0 (0 3 Freezing Rain Heavy Snow/Wind Central OKLAHOMA NO DATA RECEIVED - 0 0 . Eastern 2628
A winter storm affected mainly the quastal sections. Freezing rain clused major power disruptions in the Beaufort-Hilbun Head area. Up to 4 inches of show or sleet occurred near Charleston with lesser amounts inland through central South Carolina. Numerous storm related accidents were reported in eastern Soutarina. 3 n Freezing Rain, Sleet, Snow OREGON Western Heavy rain in western Oregon caused flooding of 5 3 many coastal areas as well as western valleys and Hood River County. 23 24 1 5 1 7 Same as above) Hood River County NONE REPORTED SOUTH DAKOTA TENNESSEE REPORTED NONE NO DATA RECEIVED PACIFIC TEXAS NORTHERN wnwood, Brown 1:06 A ? 0 0 5 0 Windstorm A severe thunderstorm downburst of straight-line winds struck the Brownwood Village Shopping Center, dausing \$150,000 dahage. Heavy daminge occurred to of the center's 10 businesses with several buildings unroofed. Aain water caused further heavy damaged inside of the unrofed structures. Several automobiles were damaged in the parking 1st. In the same peciabhorhood, septeral carports were damaged and \$2 flagpoles in honor of the Irhnian hostages were toppled at a traffic circle.

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DECEMBER 1980 NO. OF PERSONS ESTIMATED! NO. OF PERSONS ESTIMATED! FIME - LOCAL STANDARD FIME - LOCAL STANDARD PATH MIDTH OF PATH (YARDS) WIDTH OF PATH CHARACTER CHARACTER LENGTH OF (MILES) LENGTH OF (MILES) PLACE PLACE PROPERTY STOPM NURED STORM NURED KILLED KILLED CROPS CROPS DATE TEXAS (continued) VIRGIN ISLANDS NORTHERN 15 mi. SW St. Thomas 1:00 p 0 0 0 0 Waterspout Duncanville. 8 Morning ٥ 0 ! ? ? Lightning Dallas Counts Lightning struck least one home. y and roof of at WASHINGTON 0 •7 С 0 TEXAS Kittitas, Lewis, Skagit, Snohomish Heavy rains in the six county area caused flooding along major rivers over the period from the 24th through the 26th. Mud slides, road and bridge washouts, and sbil erosion occurred in most of the affected counties. Homes were also washed ways in the towns of Index and Sultan in Snohomish County. The main rivers causing damage were the Skapit, Skykonish, Snohomish, Wenatchee, and Yakima Rivers; During the three day period, Snoqualmie Pass received 9.7 inches of rain, while Stampede Pass had 6.5 inches. SOUTHERN NONE REPORTED Counties TEXAS WESTERN oio! 6 5 Hailstorm 2:00p Tulia, Swisher A cold front entered the Texas Panhandle early on the morning of the 7th and proceeded southeastward. String thinderstorms developed in advance of the front as it entered the central portion of the Panhandle near noon. One very strong storm formed near chimmitt, in Castro Country, about 1 p.m. and moved eastward toward Thila. As the storm entered the southwest portion of the city, about 2 p.m., lit began producing marble-sized hail. The storm passed here the southwest portion of the city, about 2 p.m., lit began producing marble-sized hail. The storm passed here the scheming to produce hail drileen by winds estimated at 40 mph. Sore of the hail was reported to have been as large as golfballs. The hail enided shortly after the storm exited the southeasterm part of the city. Most damage caused by the hail was to roofs in jand around the city. This lamage was lescribed as the most devastating people could remember. Most houses and businesses suffered some roof damage. Damage was also reported to windows in homes and glass in automobiles and trucks. Little vegetation damage was noted. However, oriside table damage was caused to cotton crops in fields adjacent to the city. WEST VIRGINIA NONE REPORTED WISCONSIN NONE REPORTED WYOMING Campbell, Crook Sheridan, Johnson Counties 2 0 Ö 0 0 A winter storm moved southeast across northeast wyoming dropping a foot of snow. Winds gusting to 25 mph caused wisibilities to occassionally drop to 1/4 mile No property damage or injuries 30 0 0 2 0 Torrnado 5 Spur, Dickens County 7 5:590 A strong thunderstorm, emedded in a line of thunderstorms, that accompanied the above coll fright southeastward across the South Plains, produced a small furnel cloud as it approached the City of Spur just before 6 p.m. The furnel was sighted by several members of the public as well as Civil Defense spotters. It remained aloft for two or three minutes then developed downward into a small, thin tornado as it passed by a mirsing home on the south sile of the city. As it touched down, the tornado caused minor damage to the home, then skipped across the southeast edge of the city destroying several cotton trailers and storage barms. Sheet metal from damaged buildings was scattered over a wide area. The tornade also caused a power failure in some parts of the hity as it knocked out power lines in the southeast portion. No hail and only a trace of rain accompanied the storm. **NEW JERSEY** 25 0 Arctic air, Record (Coastal) breaking cold temperatures A digh pressure system with extremely cold "Canadian Arctic Air" brought record-breaking cold themperatures and making that the coldest Christmas in the history of weather record-keeping in the state. NEW YORK Mixing Snew, Ice and Rain COASTAL Extreme Southeast, Nassau, Suffolk Co., Metropolitan Area UTAH NONE REPORTED 0 ? storm, bearing VERMONT NONE REPORTED VIRGINIA Fairfax County 3 10:00 a 0 | 3 | 4 ! 0 Wind Strong northwest winds followed a cold frontal passage, with gusts to over 50 mph. At a construction site in Fairfax City winds toppled a brick and cinderblock wall, injuring three workmen. Some window breakage, allog with tree and powen line damage was also reported in the County. 23 Morning 0 | 28 0 | Glaze Statewide Ð A weak low center moved northeestward along the coast. Light rain, that developed during the pre-dawn sours, froze on surfaces very rapidly, resulting in chaos for auts traffic as well as to pedestrians. Hundrids of accidents occurred. Lany involving several vehicles. Causing monumental tie-ups during the rush hour. An unusual amount of injuries due to falls were treated at hospitals, while highway accidents took four lives. Chesapeake Bay 25 0 o i 5 0 y northwest winds tore a coal ship lobse from anchor off Cape les. The ship sustained damage to one engine and to its rud-as it drifted rapidly and became tangled with two other ves-The other two craft were less seriously damaged. 0 0 0 1 ۱ ه Freezing Rain, Snow, Sleet Southern 27-0 Hazardous road conditions developed late on the 27th to early of the 28th, resulting in a mash of accidents. Two faralities occurred in separate indidents

PLACE	DATE TIME - LOCAL STANDARD	LENGTH OF PATH (MILES) WIDTH OF PATH (YARDS)	KILLED ON DE SON ON ON ON ON ON ON ON ON ON ON ON ON O	S DAMAGE	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	NO. C PERSO		MAGE SAON	CHARACTER OF STORM
	!!	 	OWIN			TS, CORRECTIO		, AND DE	LET	ONS	 S:		
LATE REPO	RTS	 MAY 1980				LATE REPOR		į	 1980				
Mobile area, Mobile County	17 Early Morning			6	Flash Flooding/ Wind	11	Islan	d, which was sli	ced by	bver 6	washove:	chann	irected at Padre els and wiped rtheastern Willacy
	to llam Satur	day caused e most severe	xtensiye i in the are	tilooding in aa along 3 M	d from llpm Friday low areas. The ile Creek; a dam		Count coast	y where the tow tal zone of Kene	n of Po	rt Man ty whe undeve	sfield was re insign: loped natu	devas ficant	tated; and at the damage occurred the King Ranch
	washed out	The ruthing	flood vate	ers alsolbro	ded and bridges ke a 16 inch water so caused disruptions . Winds to 52 mph		graz: area: Norti	around bays on Beach area of	the ce	r nort ntral Christ	n tipal f. Texas coas f (home to	t. The	devastated low unprotected 1000 persons who
·	at Bates Fiel a night club area, resider	id accompanie into its par its near Bayo	the rair king lot o u Sara and	n The wind on Highway 9 1 Norton Cre	winds to 52 mpn s blew the front of OW. In the Saraland ek were trapped in		mobi: those Among	e home courts) 1000 residents the few who e	was vir were e ected t	tually vacualt o rema	destroyed ad in advi in, two w	. All nce of ere sav	ts, houses, and but a very few of Allen's arrival. ed from the surg- policemen during
Calvert, Mobile County	their homes to	out no injuri	es were re	! i	 Wind 		the 1 floor surv	eight of the si of an apartmen eved atop her re	brm in t build frigera	darkne ing wi tor wi	ss; three ich did no ere she co	surviv t coll uld re	ed in the upper apse; one woman ach a small air t; one man was able
	Strong winds Calvert. The were treated	ree occupants	prtmet	ranter were	Highway 43 in injured. They		to so Beack upper	wim to safety; in drowned in the coast when a :	tides.	r two A thi n was	persons w rd coasta swept away	ho rema lidrown by su	ined on North ing occurred on the rf. See county-by-
Gulf Shores-Elbert Baldwin County	a, 17 7:45a	10 40	0 0	4 0	Tornado		Ther	were 29 docum	ented to ion. Alt	rnadoe hough	s which d	evelope dr is t	g impacts in Texas. d on the periphery elow the record
	Gulf Shores	tly Road 95 a: alrea. A hous	ter snapp: se trailer	was damaged	Elberta near tops in the and a stable re unharmed.		torn long phys	ado outbreak as: adoes were part: evity, tracks ti cal and psycho: tht inland areas moon of August	ibularly brough p ibgical	signi ppulat influe	ficant du ed areas, nces on m	and du	eir strength, e to their stal evacuees who
TEXAS SOUTHERN		AUGUST 19	i i				torn area	adoes formed on some 150 to 20 tornadoes hit	the out	er edg to the	e of the ! right of	the lq	ne spiral band w pressure center. to to San Marcos to
Orange Co.	electrical po	tning strike wer lines an	d transfor	dge City ca	Lightning spd much damage to lt struck a flood-		this incl	report. Thread	caused e colum	casua nar en	lties and tries for	proper	logical order in ty damages are not 1 hurricane
Brazos Co.	light sending 5 3:30 pm	a chamige in	td the nea	1 !	Lightning		stat repo	stics but are	ntered	separa 	tely also	in the	below tornado
	hit tinder dr	w vegetation	. Fires we	rb scattere	ires when lightning d from Bryan to ound the storm caused ghtning-generated		from the a inla	drea. On the af	wave a ernoon stward,	nd được bf Aug la well	ught cond ust 10 wi 1 defined	tions th Alle rain b	which had gripped n's center well and intensified
Williamson Co.	fires. 6 3:30 pm		0 1		Wind		rain: rain inte	then fell on	bils ne re floc US High	arly s ding r way 20	aturated esulted. l from Pl	from Al This ra asanto	in band at peak n (south of
	thunderstorm brief heavy r	about 1 pm c alin, there w	st over th	ne area. Soo ne wind blas	sively developing n after the onset of ts in and around action in Round Rock		the l inch 10th	exican border.	Points fallin	along g duri loodin	this route ng the af g effects	recei ernoon are de	ved 15 to 20 and might of the tailed in the
	were damaged tion worker i	by the winds uside one ho same area r reported on	due to co use suffer eqeived mi farms outs	lapse of f ed minor in nor roof da ide Round R	raming. A construc- juries. Occupied mages. Other wind			tap below.	l L	ine the	intali pa	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	S Indicated
south Texas	9-11		3 7		Hurricane Allen		Rese				LONG THE PARTY OF		
	property and \$650 to 750 m accounted for	crops, insur ullion, Othe also occurr	ed and uni r signific ed due to	nsured) wer ant expendi the relocat	(public and private, a in the range cutes which are not ion and housing esidents who evacuat-		Y						SMATTON STATE OF THE STATE OF T
	For a detailed the April 198 article by th	l issue of M	onthly Wea	ther Review	ane Allen, consult			ATT.	Ш				ricane Allen
	flooding. Alt Hurr cane Beu destructive t expanse of co- sion caused b coast during	hough it had lah's which I ifal action : astline affe y high seas : a period of :	a storm sinit the sar surpassed in tted and draining wave a very low a	urge height me area in Beulah's due ue to the ex ction.Allen stronomical	it was its tidal equivalent to 1947, Allen's to the larger theme coastal ero- s jeye crossed the tides thus mitigat- all sections of the			. }	510			in:	nfall Aug. 9-11 inches, th Texas
	Texas coast e	xperienced by	adito eleve:	re erosion	ngluding the points		are belo the	rain, tidal f. detailed dn a co v. Damage land c. overall Hurrica Burricane Allen	∤unty-by Isualtý de Aller	figur stati	y basis i es have a stics lis	n alpha Lready ted at	
].									! !				

		'AL	PATH			. OF		ATED†				'AL	РАТН	x -		OF SONS		ATED1	
Diace		Loc E	S)	PAT (SC	-				CHARACTER	DI AGE		S ^B	S P.	PAT					CHARACTER
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	NJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM
LATE REPO	_			* 	<u>*</u> 	= 		<u> </u>		LATE REPOR		<u>:</u>	ا ا			-	<u>*</u> 	<u> </u>	
TEXAS (continue			AUGUS	! T 1980	ļ					TEXAS (continue			AUGUS	T 1980	,				,
SOUTHERN Aransas Co.	9-10			ĺ	0	0	₆		Tidal Fl∞oding	SOUTHERN	Eleme	ntary Sch	ool re	peived	exten	sive	roof	and wir	dow damages
	9-10 10				0	0	°5 °5		Wind Rain Flooding		brick	wall. In	Racha	l and o	ver r	ural	areas	privat	sed auditorium e dwellings and
	Tida	Flooding	-Exten	sive fl	loodir	ia on	both	the qui	f side and along	,	barns	suffered	exten	bive ro	þf, w	indov	, and	super	icial damages.
	all :	bay shores	, as w	ell as	wave	lactid	n, ca	ised ei	treme erosion.		Heavy of A	Rain and	Flood	ing- Do	unpou	rs se	t in	during	the afternoon
	At R	ckport at	least	13 boa	ts sa	nk ir	the 1	narbor	ly washed away. all roads includ-		rain	all at Fa	lfurri	as was	12.5	inche	s dur	ing the	county. Measured storm but most
									idal flooding. t as well as some		flood	ing start	ed by	evening	of t	he 1	th on	jall cr	Widespread eeks including
	down	town areas	were	damaged	by t	ides	and p	pssibl	also from heavy tides. Tides		Los (lmos Cree e severel	k. At. / parc	first t hed dry	he ra	ins t	ere c	dmplete dea. Si	ly accommodated dden runoff
į	were	7 to 8 fe	et abo	ve sea	leve.	(in t	he bay	ys. Ale	ong Copano Bay	1	f 116	d drainag	hagi	ns as s	hí 1s	satur	rated	durina	the August 10
	home	at Holid	ay Bea	ch, Lan	jar, a	ind Co	pano l	kidge.	dings, piers,and Copano Ridge		impas	sable eve	ning o	f the l	Dth t	hroug	h:the	11th.	e area, was Water damages
									rive. Along es with damages.		were	reported	to rur	al prop	ertie	s nea	r cre	eks.	
		lton Harb								Calhoun Co.	9-10				0	0	5	0	Tidal Flooding
									o 102 mph. Damages										astal sections,
		[mainly su # generall							, but structures	1	at In	dianola a	nd Pow	derhorn	Lake	. By	the n	ight of	Matagorda Bay the 9th through
· '		i	!		ľ	¦ !		i	35 / ->		early	on the 1	Oth ti	des pea	ked a	t 4.9	feet	above	sea level in drift. Tides in
									to 15 inches over were masked by	i	Matag	orda Bay	eaked	betwee	n '5.5	and	6.5 f	et abo	ve sea level.
	the	idal floo	ding. floodi	Rainfal mg whil	1 fro	m mic	lnight wnpou	to 3	m on the 10th		of Po	ons of Te	kas Hi r. Sub	ghway l stantia	85 we 1 flo	re fl	ooded caus	blocki d some	ng off travel out property damages
	even	ing of the	10th	caused	more	seve	e flo	ding	of low areas. At		from	Magnolia	Beach	around	Choca	late	Bayou	to Por	t Lavaca. Undevel- protective sand
	High	port the r vays and c	ounty	roads a	way :	rom	eas a he im	ready	flooded by tides. coast were			on the G				 GAGTE		l on or	procective same
									ernoon of the 10th	Cameron Co.	9-10	¦ į			0	0	l l e	0	Tidal Flooding
Atascosa Co.	10	3:30 pm			0	0	?	?	Rain Flooding		9 - 10	! i			0	0	7	7	Rain Flooding Wind
	Alle	 h's heavie	st rai	n band	 exter	ded	cross	the c	ounty and dropped		11	ļ į			-	ļ	1	!	
	torr	ential rai	ns dur	ing the	afte incl	rnoc	and	evenin	of August 10th. to over 10 inches										meron County were O million damages
	over	the south	part	of the	lcount	ty. Sc	uth o	F Plea:	anton the		were	caused by	tidal	action	arou	nd so	uther	Lagur	a Madre. The
	Atas	cosa River and rural	and a	ll smal . Renev	ed b	eks :	ose o	ht of I	anks flooding r dark on the 10th	1	the (ulf of Me	kico s	ide of	adre	Isla	nd. P	ak tid	than tides on les were about 8.5
	adde	d to the f	loodin	g of cr	eeks	in s	uth A	tascos	County.Property fences, and										Island and were Madre. The city
		farm equi			leu c	l Load	s, DI	luges,	rences, and		of Sc	uth Padre	Islan	l estim	ated	\$30 n	illio	in đá	mages from tides.
Bee Co.	10	 evening		į	0	į,	5	6	Rain Flooding										f new hotels and ned foundations
	1	į i	s for	 Aug 9=1	j Ni rai	l fent	rom 8		at Papalote to		of s	ome buildi ved from u	ngs. I nderne	n some ath bui	cases 1dino	as :	nuch a	s 5 fe	et of sand was Park Road 100
	13.3	inches at	Beevi	ille wit	th mo:	t rai	n fal	ling t	e evening of the	**	was	totally wa	shed a	way and	faci	liti	es at	Andy B	wie Park mostly
	10th plai	Widespre	ad flo ransas	River	loccui	red.	s, ai Farm	l cree lands	s, and the flood surrered crop		Padr	e Island I	aguna	side we	re pu	g ma shed	sever	al bloc	s on the South ks inland from protect private
									ty losses were did receive		the	shore. Sev ominiums w	eral s ere th	eawall emselve	struc s des	ture	s desi ed by	ned to	protect private 25 percent of
ì	wate	damage.M	any ro	ads wer	e ble	cked			rts of Interstate		the :	island's s	treets	were d	amage	d and	B all ·	were s	and covered.
	37,	us 181, us	59, a	and Texa	14S 201	•	ļ				\$25 1	Million. I	n the	city,wq	rst h	it a	reas w	ere Th	vere estimated at Fingers, Derry
Bexar Co.	10- 11				0	0	?	7	Rain Flooding	*	seve	lvision, a e flood d	nd Nor amages	th Short . Some !	e Dri homes	ve w	ere 6	0 to 91 dd co1) homes suffered Lapsed walls
	Late	evening o	fthe	10th th	rougt	pred	lawn ho	urs of	the 11th		due	o force d	f the	moving	tides	. Ch	inks o	land	collapsed into one Port Isabel
	inch	ern parts s. Dry pa	of Be	kar Cou soil so	hty i	up mu	ed dou ich of	npours	totalling 4 to 6		Imote	l into the	water	. Highw	av 10	0 was	n erod	ed and	silted over
	ness	of the ra	in did	allow	enoug	h.run	off to	put s	mall creeks on ted by the flash		boat	sand depo and some	sits t shrin	hrough p trawl	Port ers s	Isab ank	el. Ma In Por	y exp	ensive pleasure el harbor. One
	floo	ing and s	bme co	enty ro	ads w	ere ¢	losed.	Metro	politan San	Į.	indi	rect hurri attack w	cane d	eath od	curre	d wh	n a P	ort Isi	abel man died of
		io areas	to the	north	pid r	pot re	ceive	las mud	h rain.	ŀ	Coun	ty and Mun	icipal	losses	due i	to t	ldes w	ere pei	haps \$10 million.
Brazoria Co.	9-10		į	į	0	0	6	0	Tidal Flooding		of s	alt water.	Other	vulner	able	area	wher	tide:	uined by effects reportedly
	Low	ying area	alon	the c	bast	and a	long t	he Bra	zos River inland high tides and		caus	ed some da	nages	were Kd	perni	k She	res.	Boca Ci	ica, Laguna Vista, dre Island were
	surf	action. I	h gene	ral, al	1 are	as of	the o	ounty	south of the		seve	ely erode	d. and	those d	unes	up t	10 a	hd 12	eet high were
	Intr	coastal W	aterwa	ly were	cover	ed by	tidal	flood	ling including the feet above mean		1 1		ļ	.	į		l 	İ	
-	sea .	evel whil	e Free	port ti	des i	n the	river	rose	to 6.2 feet			y Rain and Ly causing							overed the
	At S	rfside 3	ousine	sses we	re de	stroy	ed by	tides	om on the 9th. and surf. One		drain	hed areas	Unhar	vested j	cottq	n was	the	reate	t loss due to
	build	ling was d sive dama	emolis De was	hed by suffer	being hd by	hit	with 1 t 50.7	arge d	riftwood logs.										nt and hay also len occurred
	subs	ructures	of ele	vated h	omes	and	o grot	nd lev	el houses. Septic es were removed.			er inland L signifi							nd Harlingen es- .ng.
	Beac	Drive an	d Coun	ty Road	257	were	severe	lv dan	aged by tides.		1 !	!!!	ļ	- 1	!		!]		
	Part unde:	of the se	awall d coll	along 3	rd to Dozer	11th s of	stree	t in S biles	urfside was were ruined by		CST	n the 9th	, prog	ressed	north	ward	throu	gh the	e Island at 11 pm Laguna Madre,
	the	altwater	inunda	tion.	-				- "		Pass	d the Lag	ına At	ascosa	Wild!	ife I	e fuge	, and (hen moved northwest wn of South
									altwater mosquitos		Padre	: Island 4	nd are	as adja	centi	to th	e Lag	una Mad	re to Allen's n County was
	area	not toud	hed by	salt'w	ater	since	Hurr	cane 0	amed for flooding arla 19 years		subj	ected to o	nside	rably 🐗	eaker	wind	ls ove	the s	outhwest
	earl:	er. Enton	ologis	ts stat	ed th	at Al	len's	tides	activated arla. Mosquito		and a	of the hup ther inlab	rican nd are	e. Ovet as supe	r Brd rfici	wnsvi al w	nd dat	marlind	en, San Benito, ccurred to roofs,
	hoar	s were so	bad t	hat cat	tle d	eaths	from	mosqui	to bites were]	wind	ws, signs	and	trees.	reen	house	s in	he are	ccurred to roofs, a were heavily ral barges broke
	docu	ented aro	und th	e count	y.					1	100s	e in perio	is of	high wij	nds a	nd c	used o	lamagei	but about 400
Brooks Co.	10 10~	Early mor	ning		0	0	6		Wind		shri In p	mp trawler ort Isabal	safe mobil	ly rode e homes	out	the t	urrica wind	ne in	Brownsville. and a few in
	11			ļ	٥	0	5		Rain Flooding		Los	resnos al	o ven	e toppil	ad. Ai	bout!	S6 mi	llion I	nages were feated
1									rd through Brooks ated about 100 mph.		aue buil	to Citrus D lings suff	ered m	knocked ore sign	rron nifid	tree	ind d	south	Padre Island Upper portions
	The e	ye passed	very	near th	e tow	n of l	Racha	Powe	r line and		of bi	uilding <u>s</u> wk	ere rib	pped, ab	nd my	ltist	ory at	partmen	ts were ithout shutters.
	Falf	mone cabl rrias two	es wer downt	p exten bwn bui	#1vel ding	y dan	aged ¢ e der¢	ver thofed.	e county. In Falfurrias			1	-~- w e	1100	 	vsF	. Dull	rings \$	
I	l	i !	ļ	į	! -	! !		! !	1	·	l ¦	į	į	!	ļ	1		!!	

	1	F -			TIMATED			Τ	la la	£		NO. 0		STIMATE	
PLACE	🤄	S) PATH	E PER		DAMAGE	CHARACTER			200	S)	PATH SS	PERSO	INS	DAMAGE	CHARACTER
PLACE	DATE TIME - LOCAL STANDARD	LENGTH OF PATE	KILLED	INJURED	PROPERTY	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF F	WIDTH OF PATH (YARDS)	KILLED	NJURED	PROPERTY	OF STORM
LATE REPO			}		ļ	!	LATE REPO		3				i		
TEXAS (continue	d) 10	AUGUST 19	80	0	6 7	 Wind	TEXAS (continu	ed) 9-10		AUGUS	T 1980		١	6 7	 Wind
Duval Co.	10-		٥			Rain Flooding	Hidalgo Co.	10-						7 7	
	Wind: Winds s					e squalls on the		ſ) la in th	l L case	of Cam	hron be	<u> </u>	Pide1m	County was on the
}	putting the a	zjea on ithe s	trongel	northe	ast side.	th of Duval Co. Widespread and phone service		weak	r southwe	st вет	circle	of Hu	ricar	e Allen	s wind field. This Scattered mainly
	knocked out.	Wind blasts	caused	top por	tions of	north, east,		super	ficial wi	nd dam	ige was	report	ed į I	n McAlle	en some roofs were
	with ensuing			1	enavioes	High School gym		windo	ws were b	roken,	house	shingle	s wer	e lifte	, place glass 1, trees and signs 1 Ancluded signs,
	Heavy Rain an							flyi	g debris	mpact	on car	s, rojo i	s and	windows	s. Very light acd severe damage
	10th Rainfal	l accumulati	oris up	to 6 in	che s in t	in late on the		occur	red to the	e high	school	roof.	In Ed	inburg a	notel roof was
	Serious flood	ing on creek	s lin s	utheast	Dulal Co	urred over night.		squa.	ls produc	ed som	of th	is wind	dama	ge ds A.	of the 10th hurricand
	li l	qut dampages	were ma	! !	6 C	Rain Flooding		in a	line of t	nunder	storms (ver th	ε άου	nty coi:	wind gusts occurred cident with heavy
Frio Co.	11 early morning	.	"	"	` `			and o	on the e	e of t	ne repo	rted wi	nd da	mages.	started about 7 pm
	The heaviest	band of Alle	n s rai	n dropp	ed to	f inces over		Heavy	Rain and	Flood	ng: Th	majp	caps	e of dar	aage in Hidalgo Co. The 10th as Allen's
	10th through	early mornin	ig of th	je llth.	Flooding	fternoon of the of small creeks		cente	r moved w	est an	dragg	ed its	maih	rain bar	d byer the county.
	crops were le	it in the ar	ed to 1	e huft	by flood:	equipment. Few		count	v and by	7 pm. cl	t had i	beauni d	roobi	ng forre	center of the
	closed early	dn the lith.	um Road Waters	draine	at pr Pea d in the	rsall flooded and Prio River sending Prio County on		rain,	18 inche	s fell	at San	Manuel	and	Linn,	eived 21 inches of 15 inches at Edinburg, stern edges of the entral areas got.
	the 11th thro	dgh the 14th	ı. Along	San Mi	guel Cree	of the worst flood-		count	y receive	l less	than h	alf the	.radin	that ce	estern edges of the entral areas got. Alled about \$40
	ing since 19 eastern Frio	County Besi	ides the	farm d	amages,	al areas of coadways and bridges		milli	ion county	wide.	that in	were g	reapc \$160 m	illion i	n kitrus(a
	suffered dama	ges from was	shquts.		į	ļ		and ;	10 millio	րեօ sį	ıgarcan(and v	egeta	bles. G	unharvested cotton, overnment losses
Galveston Co.	9-10		1		j 6 j o	 Tidal Flooding			ads and s	i i		!!	!		
	About \$1 mill:	i ion in flamag	es occu	rred co	untywide -	 due to tidal		the a	fternoon	bf the	10th,	then ha	đ to	be rescu	return home on med by National
	250 miles away	yl Tidek ros	e on th	e 9tbita	4 feet	len was more than above sea level on									to homes. About left once.
	Gulf beaches a Galveston Bay	and to 5 fee . Along the	t above Bolivar	sea le Penins	vel along ula a hal	western shores of dozen ground									businesses were
	level homes we Texas Highway	ere destroye 37 was over	d and s washed	everal mo	piers wer assable a	washed away.		gett	ing signit	icant	damage.	Even	the C	ounty Co	ith 25 to 30 percent urthouse was flooded
	between Boliva took advantage	ar and Righ e of high su	Island. rf and	Numero this le	us surfer d to one	s and fishermen drowning death		out	of homes i	n part	s of Mi	ssion,	McAl	len, Fay	er forced residents sville, and Linn.
	when a fisher city tides con	man wasiwash Vered Parm R	ediaway oad 300	by a li 5 at Ba	arge brea y H a rbor	ker. In Galveston and some low lying		coun	ty were or	the c	rder of	magni	tude (of \$50 m	o property over the illion. Major
1 .	homes flooded. rose into the	. At the cit business di	y of Ke strict	mah, Gal coverin	lveston B g streets	dy tides of 5 feet flooding		arou	hd Edinbur	g that	suffer	ed bas	in po	most of nding di	the 11th. Areas d hot clear of
*	businesses and when most citi	d homes and	destroy	ing man	y automob	les left behind		1	ding water 	for	everal		. i	. .	
	Highways and n	major thorou	ghfares	were b	locked on	the 9th by tides	Jefferson Co.	8-9	į			!!	-	5 0	1 1
	at several pla	abes includi	ng Texa	s highw	ay \$7 nea	Crystal Beach, Bayou, Loop 197 in		its	coastal se	ctions	still	experi	enced	severe	s landfall and yet tidal erosion.
	places around	Texas City,	all st	reets f	ron ti ng G	diveston Bay in NASA Road 1.		whic	ral fishir h peaked a	g pier t 3 to	s were	demoli above	shed l	by tides level an	and surf. Tides d the very high ater to wash over
	l: 1	i i	ļ ļ	!	i i	r Creek to flow		Texa	B Highway	8/ bet	ween Sa	bine P	assi a	no: High	island. The roadway
	backwards and	flood givin	g visua	l evide	nceļof re	cent land subsi- ses along Clear		was note	undermined d through	and the Se	urface a Rim S	paveme tate P	nt rem	moved.Sa reas	nd erosion was
	Creek in Clean	r Lake Shore	s were	flooded	with low	land flooding	Jim Hogg Co.	10	morning			0	1	5 0	Wind
		Creek but o	f banks	. A flew	hopes ne	ar Gumma Bayou .		The	center of	Allen	passed	throug	n the	county	during the morning
		1 1	i	i 1	ł	 dings were destroyed		the	county as	Allen	moved v	es twar	a pa	weakene	7 and 9 am raked d. Scattered
		surf, sand d	unea at	Bernhid	a Beach w	ere obliterated		the	vall of a	depart	ment st	ore co	llaps	ed but n	a. In Hebbronville o pne was inside.
Harris Co.	9-10			! !	5 0	Tidal Flooding			injury occ shield she			woman	was C1	ut bp/g1	ass as her automobile
	Galveston Bay	tides of 5.	2 feet	above s	 ea evel	flooded portions									neficial to parched
}	of southeaster	rh Harris Co	unky ca	using s	ign fican	t property damages			elands with her Service		ajor fl	1 1 1 1 1	repo	ted to	the National
.}	Scores of auto	opobiles wer	e pamag	ed by t	he ģ alt w	abrook tides crept desses and homes. Ster which rose to						İ	ĺ	į	}
1		of cars lef	t parke	d on the	e city st	reets. In Baytown	Jim Wells Co.		morning					6 0	Wind
1	estuary and cr Channelview cl	rbssed þver i	Perimet	er Road.	. Tides a	iso pushed inland to		10-				١٥١	٥	7 7	Rain Flooding
	Buffalo Bayou.	Other road	closur	es cause	ea Hv tia	s were Texas 146		Wind:	Squalls	vere es	timate	at 10	o tho	120 mph	during the predawn
1	and Red Bluff	Road in Tay	lor Lak	e Villa	je.	mes were flooded,		Alice	a wareho	se lo	Hurric t its	ne All	en [pa d 1 lot	ssed to s of dam	the southwest. In
]					İ			by bl	lowing debi	is. Aí	estimi	ited Kn	ndre	ont inf o	were broken mainly ll buildings had
						1		nuaez	ous other	camag	ed in 🕽	lice, a	300	rzoundin	s were destroyed and
								ըտյաբ	y was repo	rted a	it a publ	lic bc	bod1	shelter 	when a refugee was
	-				-					İ	į	į		-	
									Ì	į	j	-			
					1								İ		
		}			İ	!						ļ	-	ĺ	
I		!!!	!!		į	!	H.	1	!	i . i	į	i	!	į	! . !

		CAL	PATH	Ŧ	NO. PER	OF SONS		ATED [†]				CAL	РАТН	¥		OF SONS		ATED†	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P (MILES)	WIDTH OF PATH (YARDS)	KILLED	NJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
LATE REPOR										LATE REPOI							<u> </u>		
TEXAS (continue southern	ı' 1	Rain and	1 !	T 198	: :	ne eau	rlv m	rning	hurricane squalls,	TEXAS (continue	Heav	Rain and	Flood	198 ing: Ir	Kin	svil	le 800	homes	were damaged by
	weath	er condit	ions i	proved	duri	ng thi	e ear	Ļγaft⊲	rnoon and skies their homes after		dama	ged, some	175 bd	sinesse	s wes	e da	naged.	AE th	ouildings were Naval Air Station
	havir	g spent t	he nig	ht in p	ublic	shell	ters.	Allen	s main rain band buth line and		rain the	fall total afternoon	for A	ening o	l was	18.	o inc	ingsv	ch of which fell lle and Riviera he 10th. Torren-
	torre	ntial rai	ns fel	lover	the d	ounty	with	cumu1	ween 2 and 6 pm tive total to	· ·	tial	rains set	in th	e eveni	ng o	the	10th	and by	night some 100 peing rescued
	10th ,	however,	hundr	ds of	perso	ns we	re hav	ling to	By 8 pm on the be rescued from		I from	I TIOOG WAU	lers by	Natio	ат ы	caros	nen. r	Lues r	emained high in ability of Santa
	had 1	ust left	shelte	s that	afte	rnoon	. An e	stima	re the ones who ed 2.5 million llion dollars	-	Gert	rudis, Tra	nquita	s, and	San I	erna	do Cr	eeks.	During that fell on ground
	occur	red elsew	here i	the o	ounty	due	to flo	oding	Lake Alice, on flowed by night		alre	ady soaked sville the	by 10	inches	and t of	the the	tunoff city w	was v	ery sudden. In oded badly includ-
	of th	e 10th. E	very c	reek sp	lled	over	banks	as w	ters drained , but many pieces		ing	parts of E ral city a	riar (rove, (arria also	ge P betw	ark, S een Ce	anta G asar a	ertrudis Estates; pd Louisiana
	of fa	rm equipm	ent we	re floo	d dam	aged	as the	y sat	in the fields.		Aven	µes: part era 300 pe	s; of rsons	northea return	st K	ngsv shel	ille t	oo wer o esca	e flooded. At pe flood waters
	cotto	n losses	pecurr	ed to m	dule	and	bales	left	sitting outdoors. ectricity failed.		were	impassab1	ie with	i deep v	aters	cov \$	ering .	US 77	of Kingsville worth and south.
į	In Al With	ice the R a reporte	ancho i 1 150 i	legre	subdi uffer	visio ing d	n floo amage	ded b	dly in places ral dozen mobile		cott	bn left d	utdoor	s suffe	red :	\$500,	0 00 la	sses.	flooding. Module Most cotton had
	Majoz	roads we	re imp	ssable	from	late	night	on th	e wind squalls. te 10th through the		was	lost for \$	300,00	do. Aboi	t \$40	000,	damag	e was	still in fields done to watermelons ences was lost.
	and q	ounty roa	βs. I	Alice	San	Diego	and 8	an Fer	pst Farm to Market mando Creeks	LaSalle Co.	and 10	in ranchia	inas s: 	ignific:	0	1	i	Į	j
	crest	ed on the	11th	and fel	l slo	⊮ly t∦ !	hrough	ļ	ext few days.	Sasatre CO.	10-1	L			0	0			Wind Rain Flooding
Kenedy Co.	9-11 10				0	0	6 5] ?] 0	Tidal Flooding Wind		Parci	ed earth	over t	he coun	y 50	aked	lup mos	t rain	fall from Allen, ern parts of the
	10-11				٥	٥	5	!	Rain Flooding		count	ly eventua	lly sw	alled c	reeks	out	of bar	ks on	the 10th through
	after	midnight	on th	e 10th,	tide	s out	of L	guna l	Port Mansfield Fadre rose suddenly		Rive								affecting agricul-
	north	ern shore	s-Salt	water	pn1y	cover	ed th	unin	and 10 feet on abited rangelands			-	ter pa	sed to	the	 sout	on tì	e morr	ing of the 10th,
	and (idal acti	on cau	sed sev	ere d	rosio	n and	sand :	ot known. Surf		small	building							l. Some roof and ities were blown
	1 1	etely sil	1 1	l	[]	! !		!	hern part of		down	j l						į	
	Kened	ly before	dawn o	n the 1	Dth g	roduc	ing s	ualls	estimated at 125 sparsely popula-	Lavaca Co. Goliad Co. DeWitt Co.	10	9:15 am		i	0	0		7	Wind Wind
	ted (ounty suf	fered	little	strud	tura1	dama	es fr	m wind as the Allen's weakening	Victoria Co.		10:00 am 10:00 am			0	0	?		Wind Wind
	wind: inju	. At Sari ies occur	ta por red to	tions o	f the Peva	schoo cuees	ol roo stay:	f were	blown off but no ide the school.										"Hurricane Allen's ssed inland along
ļ	l !		i i		, ,	. !		ĺ	e King Ranch.		a sol	th-to-nor	th lin	e throu	ցի էի	ese o	ountie	s. The	thunderstorms nties, mainly
<u> </u>	on th	e afterno	bn of l	the 10t	h toz	renti	al do	mpour	dvance rains, but quickly saturated		affer one	ting roof onfirmed	s and	windows	Num	erous	funne	1 clou	ds were seen and ee separate torna-
	as -	ains cont	inued.	By mor	ning	of th	e llti	rain:	banks by evening all totals exceed- mos Creek and in			try)							
1	low a	reas of t	ne coa	stal pl	ain.	Some	3 to 4	feet	of water covered ge. Families in	Live Oak Co.	10 10-1	<u> </u>		<u> </u> 	0	0	6		Wind Rain Flooding
Ì	remot	e areas w	ere re	ported	stran	ded s	evera	days	 		Wind:	Scattere	d roof	and wi	ndow	damag	es ve	e repo	rted from 75 mph were out. Several
Kleberg Co.	9-11 9-10				0		6 7		Tidal Flooding Wind			e homes w			les o	ver a	large	area	were out. Several
	10-11				٥	. 0	7	6	Rain Flooding		Heavy	Rain and	Flood 10th	ing:Ste soaked	ady r	ains round	on the	night n's ma	of the 9th and in rain band
	ted a	long inne	r shore	es of B	affin	Bay a	and Ca	yo de.	level were estima- Grullo Salt		move	over the	area	and see	ned t	o int	ensif	on th	e afternoon of the
	damag	e to unel	evated	buildi	ngs ai	nd the	eir c	ntent	a Beach doing No injuries or		the i	lth most s ranging	of the up to	county 13.9 i	had hches	more:	than immon	10 inc	hes rain with 3.0 inches at
İ	the f	looding.	Padre	Island	porti	ons di	f the	county	e evacuation before severely eroded quite Beach struc-		10th	Major hi	hways	were b	Locke	d by	water	includ	the night of the ing US 281,
	tures	of the N	ational	l Seash	bre A	keawk	ere s	verely	damaged by tides concrete founda-		roads	.At Three	River	s, the N	1eces	Rive	r and	the Fr	
	tions	; concret	e ramp	s were	wist	ed by	surf	\$300	000 damage was ounty waters, major		Rive	r also fld	oded.	Crests	well!	abov	floo	stag	sett the Atascosa during the next river side
	damaj swell	e occurre	d to a	t least	one	oil r	ig be	cause	of the tides and		prop	erties. I	n othe	r areas	pond	ing t	of the	heavy	river side rains flooded Rivers. Much road
}	Wind	The cour	ty lay	on the	nort	l heast	side	of Al	len's eye and		dama	ges were s	uffere	d throu	ghout	the	count	7.	Huest 10ga
}	of th	e 10th. E	xtensi	ve roof	dama	ige wa	s rep	prted	9 through morning In Kingsville	McMullen Co.	11				٥	1	?	1	Rain Flooding
	were	taken off	q. Sign	ificant	wind	low bir	eakag	s occ	on businesses		6 to over	9 inches rural lar	of rai	n over ly on t	the c	ount rnin	put of the	reeks e 11t	out of banks and . Creeks stayed
	wate	damage,	causin	g large	loss	es of	stor	d foo	and then due to and drugs due to		floo dama	ed throud ges while	h the fences	14th. F	oadwa	ys a ral p	roper	iges s ies w	are damaged eek at Cross the highway 16 major river basins 18th and the
	chic	ens. 700 ercent of	bmall the +4	ranch b ees in	uild King	⊷ μομ .ngs †v .vi11λ	ere l	said	ngs killing 300,000 e to wind. 50 to to have been ctures hit by the		near	creeks in	the r	anching above	area bank	s Si ull i	n Mig locki	el Cr g sta	ek at Cross e highway 16
	blow	down cau	sing s	ome sec Univers	ondar ity w	y data	age to	stru an es	ctures hit by the		push	vashing ou ing the Fr es River a	t the io Riv	er into	floo	dsta	e unt	the p	major river basins 18th and the
	dama dama	ge to buil ged but no	dings injur	Numero ies occ	ntreq na_mo	bile dùe	homes to ea	were lier	timated \$1 million destroyed or badly evacuations.		ec	o viasi d	Love 1	TOOG ST	aye p]]		cne 2	1 or	nuyuat.
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	Ħ	¥	Ţ	NO. O		IMATED†				¥	Ę	_		. OF		ATED1	
	DATE TIME - LOCAL STANDARD	PATH (WIDTH OF PATH (YARDS)	PERSO	ONS D	MAGE	CHARACTER			TIME - LOCAI STANDARD	F PATH	WIDTH OF PATH (YARDS)	PER	SONS	DAN	MGE	CHARACTER
PLACE	DAR	H OF	AR.		۾ ک		OF STORM	PLACE		DAR	FES	P S	ļ _	e	RT		OF STORM
	TIME STAN	LENGTH (MILE	ΕE	KILLED	PROPERTY	CROPS	1		DATE	TAN	LENGTH OF	Η̈́	KILLED	INJURED	PROPERTY	CROPS	
		تب	*	<u> </u>	= =	0	<u> </u>	<u> </u>				L *		L <u>=</u>		٠,	
LATE REPO		İ	ļ	!	-	-		LATE REPOR			 				i		
TEXAS (continu	ea) _ 9	AUGU	ST 198		0 6	0	Tidal Flooding	TEXAS (continue	to L	aguna Madi	e were	destro	yed 1	y th	tide	s Boa	s and automo-
Matagorda Co.	Tides were 4	tlo 6 f	i det abov	l i Je melan	sea lev	elin M	atagorda and Tres										Laguna. Corpus running aground
•	Palacios Bay	s by la	de morni	ing Abg	. 9 caus	ing flo	ding of shorelines feet above sea		tryi	ng to ente	r port	soon a	fter	the 1	urrid	ane pa	sed. Many other g released them.
	level on the	Gulf s	ores ca	used s	evere er	osion t	nere. In the			i !		· ·		1	i l	i	were damaged by
t :	public and p	rivate	dėrs we	ire sha	tteted o	n East	the bay. All Bay. Several boats	Į l	surf	battering	the f	irst f)	oors	On ·	the La	guna Mi	dre side of the
	sank at moor	ing due	to tide	ds. Sål	t water	crept i	hto yards of homes aining damages.		the	tidal floo	ding.	Water d	over	d th	nort	h or 1	et and escaped and-bound side of
	Business bui	ldings -	on the t	durning	başin a	ılşo had	≶ome damage. creek banks near										ng evacuating ded, badly
	Sargent. Alc	ng the	dolorado	River	tides a	lbo ros	but 100 shrimp		erod	ed on the	north	side, a	nd co	ncre	te med	ian di	riders actually ate Park was
	to high tide	swere	arm Ro	d 457	near San	gent, P	Road closures due arm Road 2012 near		heav	ily damage	d with	state	losse	s th	ere es	timate	at \$700,000.
	Matagorda, E	ighway	5 part:	ally	locked a	Palac	ios.		Park firs	Road 53 w	as lar anddur	es were	comp	away lete	Ly rem	oved,	beaches the come were 10 feet
Maverick Co.	11-12	-	}	0	0 ?	0	Rain Flooding			The seco							away leaving line was
	Sudden rains	of 4 t	6 incl	nes mai	nly over	centra	1 and southern		move	back and	effec	tive be	ach y	idth	about	doubl	ed. Privately
	on the Rio G	rande f	nom Eag.	le Pads	downst	enn. Th	put a local rise river peaked less		co11	apsed. One	large	fishin	g pid	r wa	s wash	d awa	dermined and
							norning of the 12th and city recrea-		The :	Liberian t	anker	Mary El	len :	an a	ground	on Pa	the foundation. Bre Island beach
	tional facil	ities.	Water s	Parm	just sho	rt of e	tering the 2366 west of El		but	did not br	eak up	to reso	njury ue th	occ e sh	prred : Lp in l	o a c	rewman of the pas. At Port
Medina Co.	Indio closed			to was		'	Rain Flooding		Aran	sas surf a	nd ero	sion da	mages	wer	note	on t	ne Gulf-facing
	l i	00 -0	ļ., e-1.	1 1	- 1	i	i		beac	İ		l 			ļ . ,,,	أمارا	facto were the
	of the 10th	through	early n	prning	of the	lith as	m late afternoon the northern part										fects were the hurricane.
	of Allen's m	ost act: into the	ve rain dry ea	ijband ⊈rth,¢o	moved ac ut tain	ross th overwhe	county. Most med soils by		Wind	ļ		İ					
	morning of t	hej llth r Natal:	and cre	ekselt Houd	artêd a at Chaco	sydden n ICreek	due to swift-		Wind	squalls p	eaked	at 92 π	ph id	Cor	ous Ch	risti l	and 125 mph at lost power and
	ness of the	current	In Dev	ine Bu	rnt Boot	dreek	welled out of		tele	phone serv	ice du	e to wi	nds.	High	rise	uildi	lost power and
	adjacent par	ts of d	wntown.	Many	crops al	ready w	welled out of and flooded thered and failed crops were left in		65 b	pildings d	ownto	n had s	igni	ican	t wind	damag	ain damage. Some e. Corpus Christi
	fields were	partial.	Ly damaç	iba pil	water wa	isning o	crops were left in yer land. Corn		Stat	e Universi rtedly wer	ty bui e dama	ldings ged by	wind;	wor	on the	done	to the large roof
	toppled due	to soft	earth a	nd win	d g¢sts.	i			span	buildings	. At a	j shelte Transac	r, al	nurs	e was	hurt w	pen winds blew in Ídings had some
Nueces Co.	9-10 9-10		!	2	4 B 1 6		Tidal Flooding		wind	damage, n	เลากาง	ito roof	lina d	ind w	indows	1 Mobi	e homes in the vived the
•	10-11	-	ļ	ŏ	0 7		Rain Flooding		qust	\$ which we	re at	lthreshi	old	∮f do	ing da	mage to	them. In
	Tida Floodi				.	ļ., ,	İ		Robs gym	collapsed	inward	from f	sing orce	of a	high	gust.	r high school
·	flood produc	inh lev	ls earl	ly in t	he day c	n the 9	oth but had reached th. Selected maxi~		Heav	y Rain and	Flood	ing:Rai	nfall	amo	 untsw	ere 10	to 12 inches for
,	mun tide hei						round inner Oso, 8.9 feet		the	two day pe	riod 9	th to 1	lth c	ver	the we	stern l	alf of Nueces evening hours
[at Port Aran	sas on l	fustang	Island	, 8 0 fe	et at N	orth Beach in North Beach		were	especiall	y inte	inse. Ti	lese :	ļ ast	torren	ts fal	ing on ground of water and
	area (also k	nown as	Corpus	Christ	i Beach)	was de	vastated by tidal		alsc	filled na	tural	stream	beds	lto f	ood s	tage.	flooding began
	lived in the	area,	and all	but a	few fort	upately	as 1000 persons levacuated from		hard	est hit by	frest	water	flood	ding	vere B	ishop,	he 10th. Areas Driscoll, Agua
	parks before	the fl	abding s	et in.	Of the	very fe	d mobile home who remained,		subs	ded on th	e afte	rnoon o	f the	d 10t	i, mos	t evac	ened and winds sees left the
	two drowned	as the 1	day wate	≄rs s√ir	g ed 8 fe	et deep	in the darkness an, a 20-year		shel	ers and r	eturne	d home.	Alle	n's	heavie	st rai	p band moved cople in their
	resident of	the bea	ch who i	refused	to leav	e since	he had stayed		home	s and cars	. Abor	t 1100	perso	ons f	jed th	eir ho	mes in Bishop, mg. In Calallen
	the area app	reciabl	and,	73-ye	ar old v	onan wh	did not flood delayed leaving,		rive	f bottom h	omes v	ere flo	pđed	for	hore t	han a v	eek by the
	on North Bea	chi stre	ets. A	gtroup (c	f three	persons	a station wagon survived in a		out	of Lake Co	rpus (hristi	and ;	gut t	he riv	er abo	67. Waters spilled e flood stage
	there was re	ported1	viat lea	elst onle	two-sto	ry buil	lapse,although ding in the vicini-		at a floo	ll points ded were d	pelow pamaged	Mathis.	Some	qsti Ift	lted h crest	omes no ot Cal	t previously
	ty which did	dollap ti poli	se due i	tb tida ued two	1 action women i	o on the rom the	first floor walls. ir apartment with		In R	obstown se ow areas s	veral dustair	plowntou and floo	n bus Aldan	dines dage.	ses fl	ooded Jubonn	and many residences et area suffered
	neck deep wa	ters an	large	swells	poundi:	g the a	ir apartment with rea. The women woman survived		deep	waters in	many	resider	tial	stre	ets an	d in he	ouses. The Messer then dikes were
	on top of he	r refri	gerator	in per	ground	floor a	partment that was		cons	tructed we	st of	the cit	v to	keep	lwater	from (Araining eastward
	lininked slic	thillu. S	dores o	f anthr	nohilee :	in the :	rea were ruined		The	¢ikes fail	ed and	west a	and so	uthw	est si	des of	to the west. town were flooded.
	after the fi	cent of odding,	North and a	Heach it	ouilding	s v ere b ssiwere	eyond repair completely removed.		In D	riscoll th	e west	side o	if to	m ha	d floo	ding a	flood damages. well as areas
	Contents of	most bu	ildings	were is	ı total :	loss. At	the mouth of inland to contami-	}	alon	Petronil	la Cre	ek wher	le wat	ters	were s	aid to	be unusually) #100d evacuees
	nate the Con	pus Chr	üsti wa	ter su	oply int	ake. US	Highway 181 on		in D	riscoll Sc	hool	ere for	ced o	ut o	the	\$chool	as flood waters y were largely
	About 9 shr	mg boat	s sank	in Con	ous Chri	st! harl	everely eroded. or, but many others		subm	erged by t	he hea	∳vy rair	s, s	me s	фil be	ing wa	shed away where
	damage occur	red alo	rlg Corp	us Chri	isti bay	frønt ad	ell. Extensive jacent to or		to a	\$1 millic	n loss	. Much	harve	sted	∞tto	n was	s lost amounting uined where it
							n to breach the 175 pleasure boats,										grain had been arm equipment
	including ma	ny larg	e yacht	a, were	le k t a	t the ci	ty marina and onto the seawall.		was	flood dama	ged in	the fi	elds	and	floode	🔁 barn	s. Highways US 77, deep waters. Many
	Parts of the	e deawal	near	the mou	nicibal (coliseum	were eroded but		othe	county a	nd far	m roads	wer	∳ imp	assabl	e. In	the various cities sustained flood
	wall was dan	aged ba	dly on	the fir	st floo	as tid	ters below the sea- les surged through		and dama		s, per	φια ps h ι 	unrec	us of	autom	i Anttes	anscarued 1100d
	adjacent Oce	an Driv	was b	adly da	maged, I	out the	y flooded and miversity	Refugio Co.	9-11			1	٥	0	05		Tidal Flooding
Ì	buildings an	amently	did no	t susta	in Bign	ificant	Flood damage.		10 10-1	! .1			0	0	5	C 6	Wind Rain Flooding
	Oso Pier and	dole P	ark Pie	r were	destroy	ed, Bus	nesses and houses]	1		 	ŀ	ł	ì	!	i
	time! Along	Ocean D	rive la	rige chu	nks of	Land wer	ome for the first e gouged out of		Bay	on the aft	ernoor	of Aug	. 10.	Num	¢rous	small :	level in Copano boats were lost
	the bay. Flo	uz Bluf	f areas	jadja¢e	ent to L	agjuna Ma	homes overlooking dre flooded with		acti	on caused	damage	to sho	reli	nje st	j uctur	es at	. Tide and surf Bayside and huge
ļ	water enteri	ngia nu	pber of	older	homes n	ever flo	oded before. Bait everal stores next		debr	is piles w	ere le	ft at (he hi	igh w	ater m	ark on	the edge of the osed by high
	1 1	i			T	į .	į	I.	tide	and the	road s	urface	dama	dea.	1	i	١ .

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DI	kg	JF PATH	PAT:	PER	SONS		MGE	CHARACTER			P. Co	S PATH	PAT	PER	SONS		AGE	CHARACTER
PLACE	DATE TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	OF STORM
LATE REPO	I	į	İ	İ	i				LATE REPO		}	-				į	i i	
TEXAS (continue	ı' !	AUGU!	 ST 1984	į o					TEXAS (continue	1	i	AUGUS	T 1980			İ		
	Wind Utility	. lau+200	da acous	trad 1	hrou	hout o som	the ar	ea due to wind- cered property	300 mg.s.	of a	41 buildin	gs wext	e shatt	ered	and	conter	ts swe	s. Bottom floors ot away. The town
	damage happen	ed to	roofing	and v	indo	ıs.				surv	rived throu	gh the	hurric	ane :	n th	e uppe	part	persons who of the well
	county with t	he grea	atest pa	kt of	f this	rain	fallir	ches affected the g on the afternoon		to 1	eturn and	find ¢	he dama	ge s	sev	ere co	nmenti	s were surprised ng that "If it got
	of the 10th. and rural lan	The Mis ds dowr	skion Ri Etream	ver c	verfi ssion	owed : Bay.	ts ba Flash	ks through Refugio flooding had		seav	all was co	mplete	ly wash	ed at	vay a	nđ 30	fishin	mything." The g piers were
	begun on smal crop was 1/2	1 strea to 2/3	harvest	id af ed be	tern¢ fore	on of the h	the li	th. The cotton e, but rains		seve	ral large	barges	were i	ound	driv	en agr	bund 8	the harbor and miles north of
	damaded most in umprotecte	of that d trail	t still lers and	įn th inπ	e fie odule	lds. I	arves ered	ed cotton left uality loss.		was	badly silt	ed in	from Po	rt M	nsfi	eld to	25 mi	coastal Waterway
San Patricio Co.	9-10		į	0	0	o.7		Tidal Flooding		Port	Mansfield	and \$	8 milli	on t	por	t faci	lities	million to Besides the
	10-11	1	!	0	0	°7		Wind Rain Flooding		by t	he surge a	nd the	se wash	ed i	hto t	bwn ac	ting l	ers were loosened ike battering ounty pushed
	Tida Floodin	g: Tide	es peake	at	8 ft	above	sea le	vel on San Patri-		inla	hd about o	ne mil	e and t	he h	igh w	hter 1	ine wa	s marked by a int. Propane
	on shores clo	sest to	the ba	rrie	isl	nds.	t Ara	west and 6.8 ft sas Pass tides closure points.		and	butane tan	ks rupi	tured 4	nd f	loate	off	causin	some hazard. All l. Heavy appliances
	Tides came th	rough a	and floo	ded 1	ow at	eas w	th abo			were	rolled in	the t	ides 1	2 to	1 mi	le awa	y.	
		also a	and adde	pl to	flood	ling i	town	An area near										ed at 138 mph e town were
	rain flooding	ruine	ed sever	dal mo	bile	homes	and da	maged dozens of d against over-		mask	ed by the	overwi	elming	seve	ity	of the	tidal	flooding. In the to roofing,
	head roofing	as wate	er level	ls ros	e. Si	rimp	trawle	s and pleasure suffered bad		wind	lows, etc.	Agricu	lture s	uffe	ed a	s wind	knock	ed and damaged
	flooding of c	ombine	d salt a	and ra	in wa	iter. i	ltoge	her Aransas Pass eside-on-the-Bay										as heavy in
	severe damage were nearly d	s occu	red to	shore	line	bui 1d	ings. :	ome businesses		Will unha	acy County cvested co	as th	ey were as lost	far due	ther to f	vest a looded	nd inla field	and. Some
	Wind! Gusts t	q 106 r	mph were	meas	ured	at Ar	nsas I	ass but wind	south Texas	9-11	.	ļ						Tornadoes
	were damaged.	At Inc	gleside	Eleme	ntary	Scho	bl the	lows, and trees roof was partly		The	following	29 tor	nado re	ports	rep	resent	only	hose confirmed
	peeled. High there was app	drently	y caused	by a	torr	ado.	(See s	parate entry)		and	damage tot	als ca	used by	tori	adoe	s have	not b	ne Allen, Injury een included with
	Ingleside too Sinton the ai	had so	cattered hangars	were	badly	d roo dama	ed by	wind squalls.	Cameron Co.	9	3:45 am	i	50 H	0		i) (sly in this report.
Uvalde Co,	11 carly	i	Ì	0	0	4	?	Rain Flooding	(Brownsville)	'	i !				1100	6 	: :	Tornado
	Rain fell rap	idly fo	rpm the	high	d of t	he 10	th thr	ough the morning eastern and south-		Ewis	ter was sh	ort-li	ved on	its r	orth	to-so	oth tr	ck through norths
	ern parts of	the co	unty, Al	lthou	dh vei	y dry	the :	ocky soils allowed		Subd 3 of	ivision ne which wen	ar Far e occu	n Road	802 a ere h	nd U	83/7 Roofs	. Fiv	new brick houses, mpletely taken
	resulted on t	rlibutar	ry creel	s of	the I	rio a aces	hd Sab between	inal Rivers. Sabinal and st received summer		off then	and exter	ior br ence s	ick wal tore he	ls we avily	re d	amaged aging	Next	it hit a bakery uildings and
	Concan. Most shearing and	of the	harge o	poat j	opula s of	tion them	had ju died f	st received summer rom extended		thei	r contents s before 1	. It s	kipped	alone	a 4	mile	track	lowning power
	exposure in	he rai	rls.						Kenedy Co.	9	12:10 pm	2 1/2	30	0	0	0	٥	Tornado
Val Verde Co.	11-12			0	0	?	0	Rain Flooding	(near Norias)									t over open
	As Tropical S Oriental mour	Storm A	llen we: of Mexi	ajkene do, ti	d to hunde	the so	uth ov	er Sierra Madre bursts dropped a continuing rains		20 m	lles north							lighway 77 about itting any
	sudden 4 inch totalling 7.5	es on the	western s at La	Val gtry	verde by m	Count orning	y with of th	continuing rains a 12th. Flash er as well as all	Page Co	stru	ctures.	1 1/2	25		,			M-w-ndo
	feeder canyor	isi. Roa	d closu	res i	clud	ed Hig	hway 9	er as well as all Dl east of Comstock	Bee Co. (Orangedale)	,	3:25 pm	į		arth	o as i	, "	d thre	Tornado ough the Orange-
Webb Co.	Highway 163 a	many	places	i	i !		i	Wind		dale	community	. Two	nouses	were	dama	ed (a	paren	ly windows and s short-lived as
, , , , , , , , , , , , , , , , , , ,	10-12		!	0	0 0	0	0	Wind Rain Flooding		no o	ther sight	ings d	f it we	re re	port	d in	djace	t areas.
	Winds The cer	her of	Tropic	al Sta	orm A	llen p	assed ts to	h few miles south 75 mph caused scat-	Nueces Co. (Port Aransas)	9	3:30 pm	2 1/2	30	0	0	5	0	Tornado
	tered damage	in Lar	do whi	le ea	stern	Webb	County	suffered many		west	as it for	med in	one of	Hurz	ican	Alle	h's le	ward the south- ding rain bands
	buildings dam	ndged.		"						to a	pproach the	e cent veloom	ral coa	st. 1 Port	he to	ister	raked	a beachside
	11th ranged i	rom 4	nches a	t La:	redo i	to 8 i	nches	the 10th to the		of r	oofs and d	ollaps ed Mus	ed uppe tang Is	r por land,	tion:	of b	rick w Corp	lls. The tornado s Christi Bay, and
1	eastern Webb early morning	county of th	Range.	and :	previ sever	ously al Ran	parche ch to	Nas flooded by Market Roads	Yanna Ca	i	l í	ì	i	i	İ	1		
	washed out. I storm evacues	n Lare	do Zaca the co	e Cr	eek p	be re	d mino Locate	flooding and from a school	Karnes Co. (Near Kenedy)	9 Tho	4:00 pm	i	35	0	0	4 hores		Tornado
	were damaged	₿y win	d, rain	or	com	inati	bn of :	of 125 homes oth. One heart	1	alon	t a path t	oward	the sou	thwes	t, ti	e tor	nado ci	in band. Moving it a narrow swath ainville. One
	attack that w				ccurre	ed to	awoma 	h during evacua-		mobi	le home was	s over	turned,	the	porci	and	garage	of a frame home Minutes before
Willacy Co.	9-10 9-10		İ	0	0	7 7		Tidal Flooding		the	twister wa	s spot	ted, hi	gh wi	nds	opple	a la	ge communications
	10-11			0	0	?	6 ?	Wind Rain Flooding							i	!		
								onshore close to Most of Willacy	Duval Co. (south of Freer)	9	7:25 pm.	2	30	٥	0	٥	0	Tornado
	County was ex Port Mansfiel	mjosed ld rece	to Aller	d's w	eaker onger	. sout	hwest east s	semicircle, but de. Tides rose		thr	ugh open	orush	country	10 m	iles	south	of Fre	he southwest er. It hit no
	abruptly out	df Lag	una Madi	e an	d peal	ted at	9.35	eet above sea		str	ctures but of its p	t foll	wed cl	pse t	p the	west	side.	f Highway 16 for
	and mobile ho	nes we	re swept	awa	by	idal	force	ated at near nsfield 50 houses and the remaining							i '			İ
	Laguna were	eived :	major da and the	amage:	s. 30 t bad	perce ly dam	nt of : Aged. :	houses next to the The very sudden							!	 		
	rise of water	just	after :	didni	tht o	n the	10th a	nd its resultant uses which were			ļ į	ļ			 	i		
•				*	, ,		. '		•		. 1				•	i	. !	1

PLACE The part Place Pl			OCAL	РАТН	HT C		OF SONS		ATED [†]	CHARACTER			OCAL,	PATH	HTA (NO. PERS		ESTIM/ DAM		CHARACTER
TEXAS (continued) Distriction To contact break every developed of read of section for section of the content	PLACE	DATE	TIME - L STANDARD	LENGTH OF (MILES)	WIDTH OF P	KILLED	INJURED	PROPERTY	CROPS	OF	PLACE	DATE	TIME - L STANDARD	LENGTH OF (MILES)	WIDTH OF P (YARDS	KILLED	INJURED	PROPERTY	CROPS	OF
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The contract course of the property of the course of the c	· -	1	ا مرمم س	ı	1	!!		6	ا ما	Tornado		10	 	i 1		ſ		4	,	Tornado
we purchased and Secretary larger from a Line and Secretary Larger and S		`	-	j	i	!!	!		!!			l	i i	!	i i	i		i	i	
Jose and are \$1 the quality of the first performance of the control of the contro		two	businesse	s and	downing	many	powe	r line	s and	poles. At an		least	side of E	ort Sa	n Houst	on Al	πy Β	ase inl	San A	tonio. It moved
and consequently at the time. The code was advocable to any of the code of the		ice	and cars	in the	parkin	g lot	were	nearl	y dem	lished. An adja-		funn	el as it :	lassed	overhed	d the	ough	the c	enter	of San Antonio. At
semble when had damped tood house to all control works. An occasion of the plant had with a control works. The plant had with a control works are the plant had with a control works. The plant had with a control work of the control works are the plant had been a control work. The plant had been a control work of the control works are the plant had been a control work of the control works are the plant had been a control work of the control works are the plant had been a control work of the control works are the plant had been a control work of the control works are t		and	unoccupie	lat t	he time	The	roof	was 1	argel	removed from		stre	ets just r	orth d	f downt	own.	At 9	:50 a	n the	funnel finally
Particle Cr. (Station 41) 9 19-19 9 5 0 0 1 0 0 1 0 0 1 Common or furnishment of the policy of the Table of the Particle of		sou	h wing ha	pi dama	age too,	but	to a	lesser	exter	t. The tornado	1	Near	the inter	section	n of Ev	ers :	and C	allagh	an Roa	ds it raked an
And the control process of the control proces										Eved toward		no o	he. The pa	th was	short	and p	here	was n	furt	ner evidence that
The control founder on engined of 7 justicle design to 1 library to place the control of the con		9	9:30 pm	5	50	0	3	6	0	Tornado			ļ	i i	j !	. !			•	Tornado
ming shoots where NDO evolves are unabled the right. In his the hing include all control with the control of th	(Bishop #1)	Thi	tornado	caused	an est	imate	a \$2	milli	n dama	ges in Bishop.	Travis Co.			14	80		Ü	, ,	Ü	TOTHAGO
into the budy shouly actions 1.0h optionation, and country of the budy shouly actions the second in the budy should be should be second in the budy should be should be second in the budy should be		High	School w	here:	₿00 eva	cuees	were	spen	ling th	e night. It hit		The	cornado wa	s seer	by Ly	ton '	prin	gs res	idents	as it first formed
such paid to have becomed allow exceeded allow exceeded to the second particular particular places are not to the second particular places are not to the second particular places are not to the second particular places are not to the second particular places are not to the second particular places are not to the second particular places are not to the second particular places are not to the second particular places are not to the second particular places are not to the second particular places are not places ar		int	the high	school	il scier	ce la	Lb, σγ	mnasi	m, and	courtyard.		It n	oved west	northy	est ove	r far	m la	pds cr	ossing	three farm roads,
the least side of the city passing over the too Jacob of E. 669 Acres After Nitting the photologistics to confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the complete the confidence of the complete												At 1	2:30 pm i	poved	direct	lly of	er t	he Les	lie Ro	han home a half
the least side of the city passing over the too Jacob of E. 669 Acres After Nitting the photologistics to confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the complete the confidence of the complete		put	the school	f the	towns r	opula	tion.	Nume	cous ca	rs in the school		mile the	north of Mendoza c	Highwa Mmuni	y 21 or ty. The	house	Mg2	compl	etely	teroofed; exterior
the least side of the city passing over the too Jacob of E. 669 Acres After Nitting the photologistics to confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the confidence of the complete the complete the confidence of the complete	!	par sai	ing lot w d to have	ere d	emaged h	y deb	ns f	r roll om de	ris.	n aerial survey		wall A la	ls were bo rge power	ed in transm	dard on	line	east was	side a cut kn	nd out ocking	power out to a
Success Co. District 400 Distri		the	tcacen me	0 E +	ho city	macei	77 0	ter th	900 1	lock of E. 6th St.		wide	surround nds befor	ing are	t and	per: ucke	ons und	in the	nouse	in the center of
Success Co. District 400 Distri		bus	er hitting iness buil	the :	mearby	land t	ook t	he ro	of off	a service station.		the the	house. No steadily	one wa	east	A fe	drop	ped an	efore d neig	bors said, "it
militation with the control control to both plated an administration of a militation of the control and control to the control and control to the control and control to the control and control to the c		Pri	br to read	hing '	the scho	\$101, 1 	t nac	dama	ged 3 (ther bullulnys.		got as 1	real quie he tornad	d outs:	de." The	jen ti 	iere	yas a	sudden	onset of a roar
deally as demond, it first bit may be designed and the services of the service		ľ	ļ	ı	1	ı	1 !	! i				afte	‡a5 míle	(conti	inuous F	a th o	n th	e grou	d in (Caldwell County.
macri a droystre adding of the proof of personal regions and listened fames. It life as a tay procedure a residential grow, but left a train of debrid from the searchouse and tree each personal control of the personal cont		doll	ars damage	. It	first h	it nea	r US	Highwi	ay //	ypass. It passed		Ther	eafter it	produc	‡ed ave	ry ir	term	ittent	path •	f damage for 9
are, but left, a trail of derived from he wareholder and trees and personal contribution of the possible states of		beam	supports	Next	it der	beloc	a wai	rehous	e, upr	poted many trees,		vill	e communi	y, and	dissip	ating	nea	t Inte	statė	Highway 35 at
reach included power films and place period CR Rightway 77, three moches home with water deally called by two powers at the content of moches from an interface of the content of moches from an interface of the content of moches from an interface of the content of the content of moches from an interface of the content of		area	, but lef	t a tr	ail of	qebri	fro	n the	wareho	use and trees		10	 1:00 pm	18	75	0		?	0	Tornado
Victoria Co. (it ai. north of Victoria Co. (it ai. north of Victoria) A small short-lived Corrady awyed from the east-northeast across faral-ands about in all supplies all the public of Victoria Co. A small short-lived Corrady awyed from the east-northeast across faral-ands about in all search of Victoria Co. Beant Co. Deant Co. Deant Co. Discount Co. Dis		path	included	power	lines	and p	dles :	beside	US Hi	ghway 77, three		At 1	pm a moto	¦ prist s	aw_ the	j to	rnad	touc	i down	fill with debris,
Victoria Co. [10] 813 on 1/3 30 0 0 0 0 0 Promado Promed Clouds A smill short-lived (cornado moved from the east-notheast across formlands about 8 miles noth of Victoria. It palsed over one bard and destroyed is but daused no hypurise. The trialer that corn farml Several noth of Victoria. It palsed over the that corn farml Several noth of Victoria. It palsed over the that corn farml Several noth of Service in the pictoria drea about that sage title. Bears Co. 10 6:57 an 12 100 0 2 5 7 Tornado The bornado cut an east-to-prest path over paral and substan areas of ebstern Bears Connty and ended jubs before redshing the eastern cityl lints of San Annotion the justes right to cheek down at the of the 37. It continued rapidly destroyed where it his the community of line cand didgo goined rotheology beausy. The time has a problem of widoos shown in the palse right of the and pus business with a breaking all kindows on the east sides. One pouse sundained a directly his and allow pour line has and pus business with a breaking all kindows on the east sides. One pouse sundained a first this and allow pour lines and of the cornect because regidents was not note on allow of the cornect because regidents was not note on allow on the tornado critical panel of the panel to wash not note on a surprivey sized hitches got the third of the panel to wash one closes one, has a said laws when it is down the third of the panel to wash one closes one pouse sundained a first this and allow pour lines and of the tornado drive shown if the first panel to your pour lines and the tornado drived but south of 18 3 to 10 and 18 in a south of the tornado was beart it formed by the panel to washe over open leadouland a naif all south of the diff years of the cornect was hoticeable sunden celeating of train pad vild just concents before the tornado drived when the tornado drived by the contrain and the tornado drived by a south of the Sarging and and that there was hoticeable sunden celeating and the panel to washe over open leadouland a n										d at the time,		Rock	sharply I	ifift of ∉ar ea	f groun	d aga astro	in a	ong s	de Hi	hway 153 near nnel skipped
yellocates of the control of yellocates and the control of the con		10	 8:30 am	3/4	30	0	٥	4	0			towa Stat	d the wes	t-nort the A	hwest a Vlum coπ	ppare munit	ntly y. T	passin ne funn	g alo	t over Buescher engthened and
farmhands aboult of miles north of Videoria. It polsed over one hard and destproyed it but destayed and to the destayed and prevent and pr		1		Ì	Ϊ.		Ì.,		İ	, ,		at 1	30 pm cst veloped be	begar	i cuttir lands al	g a g	ath he C	100 ya: ¢lorad:	ds wi	le through r just south of
Dexar Co. [Gone Cox to naar Chine Curve) Dexar Co. [Gone Cox to naar Chine Curve) Dexar Co. [Gone Cox to naar Chine Curve) Dexar Co. [Gone Cox to naar Chine Curve) Dexar Co. Desa	· ·	fara	lands abo	ųt 8 π	iles no	‡th o	f Vic	toria.	It pa	ssed over one		Bast resi	rop city 1 Cents on 1	limits. Lighway	As the	twis	ter . n a :	approa hile to	hed the	ne Colorado River, north observed it.
Bears Co. The Cortica fore about that sale tipe. The Dormado cut an east-to-prest path over rural and suburban areas of electrin Bears County and ended jubt before reaching the commentary of the Dormado cut an east-to-prest path over rural and suburban areas of electron Bears County and ended jubt before rechebing the commentary of the Dormado cut an east-to-prest path over rural and suburban areas of electron Bears County and ended jubt before rechebing the east-ten group of the County of the St. It dontinged shapes the fore the commentary of them can be described by the commentary of them can be described by the commentary of them can be used to be subject to the commentary of them can be used to be used to be subject to the commentary of them can be used to be used to be used to be subject to the commentary of the county of the st. It was a stides to be used to b		disa	ppeared f	ia mop	tht and	Icaus	ed no	furth	er dam	age after hitting		Traf	fic was he ral coast	who ha	highwa d evacu	y 71 ated	at ti into	he time	ea we	sidents of the te returning home.
Dears Co. (Idios) The Contrado with an elast-to-peral path for your purity leads glubthar areas of excess may be contraded with an elast-to-peral path for your purity of the contrade with an elast-to-peral path for your purity of the contrade with an elast-to-peral path for your purity of the contrade with a contrade with a contrade with a contrade with a contrade with a contrade with the contrade with t		the	one farm Victoria	drea a	atal oth Bout th	er fu at sa	nnel ne ti	plouds	aloft	were seen in		Farm	Road 304	a shor	t dista	nce s	outh	of Hi	hway	1, it narrowly
china Grove) The hormado cit an deat-to-week path over rural had suburban areas of edestern Beara County and ended jut before reching the eastern of cityl limits of San Antonicy The liviser figst tochched down at 8.557 as can the beaking power lines as it cropsed Pitturan Road north of the 97. It continued rapidly westword where it hit the community of Lone cok ching considerable Beause, The Lone had actaces shally into the continued rapidly westword where it hit the community of Lone cok ching considerable Beause, The Lone had actaces shally into the line of the community of		10	8:57 am	12	100	0	2	5	7	Tornado										
city limits of San Antonio The levister first coched down at 8:37 an ext beaching power lines as his cropses of bitman Road north of UP 7. It dontinued regidily westerned where it hit the community of Lipne Oak Ching considerable Semans. The Lame Make Teatates Solids to Living the Community of Lipne Oak Ching considerable Semans. The Lame Make Teatates Solids to Community of Lipne Oak Ching considerable Semans. The Lame Make Teatates Solids to Community of the Oak Ching Communication of the spirity of the Community of the 1900 his content of the Systims of the Community of the Systems of the Community of the Systems of the Community of the Systems of the Community of the Systems of the Community of the Systems of the Community of the Systems of the Community of the Systems of the Community of the Systems of the Community of the Systems o		The	tornado c	t an	east-to] west	path	over	rural	and suburban areas										
of the S7. It dontined rapidly westwhed where it hit the community of Libne Oak daing considerable alemany. The Lone Dak Estates Subdivision (in The United Proceeding Street Company issuffered damages and several houses were derorded and widows allows in The United Proceeding History S7 in the 1100 block where it also took the entire poofs off five houses and pure business with broaking all windows on the east sides. One house susfained; a direct hit and also puffered collapsed walls. To injuries occurred because registers, where the common content is not injuries occurred because registers. As a face of the common content was a noticeable suden redeated in or frain and widdly just before treached and scribed his proof of the System		city	limits o	f San	Antonio	The	twis	ter fi	rst to	uched down at		1	i	!	!	i	i	i l	}	i
ision Water Company suffered datayases and several houses were de- roofed and vidoow shown it, the twister crossed tightway 97 in the 11600 block where it also took the spitter boofs off five houses and now business while breaking all vindows on the east sides. One house susfained a direct hit and also puffered collapsed walls. No injuries opcurred hecause residents were not home or else took cover just before the tornado hit. Repidenth in Lone Oak described the rora of the dvister as described and that there was a noticeable sudden essastian of rain had wind just moments herfore the tornado drivled The funnit was described by one woman as "hortfille and hidak." The try crossed over an open field area where it dowled plaver lines and trees but hit no structures as it passed but sock to the kayers (comminity and narropuly missed hittings gat clearly listy is chool. As it crossed home and completely plantered of the sayers Beck, Road about 1 mile south of [15 87 at \$10 as, it hit a mobile home and completely plantered of the compants were seriously hurtiput lucky to be alive. A neighboring frash house was deropfied. As it continued west the through spean to weaken over open meadoulard a half mild south of the dry of China Grove. It crossed south Prosted Road dreat Highsky 410, then continued over southeastern San Antonio as a funnel aloft. Jim Wells Co. (Alice) The tornado may applied as a small density of the East planter of the superior of the stripps and finally south of the sayers occuming damage and the stripped of the complete of the planter of the superior of the stripps and finally south of the seriously south for the planter of the stripps and finally south of the seriously south of the seriously south of the seriously south of the seriously south of the seriously south of the seriously south of the seriously south of the seriously south of the seriously south of the seriously south of the seriously south of the seriously south of the seriously south of the seriously south of the seriously south of th	,	of t	16 87. It	dontir	wed rap	idly ·	vestw	ard wh	ere it	hit the community	Travis Co.			9	50	°	0	?	٥	Tornado
and pne busindss while breaking all yindows on the east sides. One house sustained a direct hit and also unferred collapsed walls. No hipures occurred because residents were not home or else took cover just before the tronde of the residents and the rewas a noticeable sudden cessation of frain and with just coments before the tornado arrived The found was described by one woman as "hortible and black." The tritect then proceeded over an open field area where it downed power lines and trees but hit no structures as it pades just south of the Savera (community and narrywly missed hitting East Cestral High School. As it crossed Bect Soad about 1 mile nouth of 1/18 as it it a mobile home and completely shattaged it. The two occupants were seriously hurtiput lucky to be alive. A neighborther frame house was derobfed. As it consisted were commended with the crossed south Posted Road rear Sulphir Symings Road, fortunately missing nearby buildings. At 10/25 as it littled from the ground just before reaching interretae Highway 4th, then continued over open meadowland a high raid south of the city of China Grove. It crossed south Posted Road rear Sulphir Symings Road, fortunately missing nearby buildings. At 10/25 as it littled from the ground just before reaching interretae Highway 4th, then continued over open meadowland buildings. At 10/25 as it littled from the ground is a functional many open meadowland of the State State of the State State of the State S		isic	h Water C	dmpany	suffer	ed da	nages	and s	everal	houses were de-		The	tornado wa	s beli	eved fi	 rst t	o ha	e tou	ched g	ound in Bastrop
was a noticeable sudden cedeation of rain and wind just noments before the tofnado drived! The funnel was described by one woman as "horfible and black." The trief the proceeded over an open field area where it downed power lines and trees but hit no structures as it passed just south of the Sayers (Community and narrowly missed hitting East Contral High school, As it crossed Beck, Road about 1 adle south of US 31 eyil on as it init a mobile home and completely shattered it. The two occupants were seriously hurtiput lucky to be altwo. A neighboring frame house was deropfed. As it continued west the ternach pegant to weaken over open neadowlard a high mide dear Sulphir Springs Road, fortunately missing nearby buildings. At 10125 as it lifted from the ground just before redaching Interretate Highway 41b, there continued over southeastern San Antonio as a funnel aloft. Jim Wells Co. Jim Line Text Subada Aller's spiral bands. Allelen's serve were believed with the form		1160	block w	ere i	also	took	the e	ntire	roofs	off five houses		fare	land. It	brobat	ilv caus	ed no	dam	dae asl	it sk	pped west-
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womah as "horrible and black." The tristed then proceeded over an open field area where it doned power lines and trees but his no structures as it passed just south of the Sayers Community and narroury missed hitting East Cestral High School. As it crossed Beck Road about 1 mile south of USS at 9:10 mm, it hit a mobile home; and completely shattered it. The two pocupatts were seriously burtiput lucky to be alive. A meithboring frame house was deropfed. As it continued west the thrmade began to weaken over open meadowland a half in itid south of the qity of China Grove. It crossed south Posted Road dear Sulphur Springs Road, fortunately missing nearby buildings. At 10:25 an it lifted from the ground just before radaching Interstate Highway 40; then continued over southeastern San Antonio as a funnel aloft. Jim Wells Co. 10 9:00 am 2 40 0 1 5 0 Tornado (Alice) The tornado moved quickly from east to west over Alice as it formed in one of Huricane Alleq's spiral bands; Allen's center was puly about 60 tt 80 miles to the, south then. A motel on the dage of the city and tho businesses were bandy damaged, a convinience store and a watehouse were destroyed. Two vacated booble homes aftenty here destroyed also. One wann was slightly injured when the tofnadic clast collapsed her spartment wall inward on her. The fornado moved westward but of, the city and, although its track bay have been longer, there was no further evidence of it away from Alice. What was described as a small denoting tornado we conducted southing described in the hobic and tree was toolie to conduct the city and the corribate Highway 20 and the dround was first observed on the ground on Highway 21 about 7 miles northwest of Bastrop in the dround was first observed on the ground on Highway 21 to the cloud as the tornado first touchdowns on south a first observed on the ground on Highway 21 to the cloud as the tornado first touchdowns on south and in a dark tail farm from the dark tail farm from the dark and the found in the provide and the provide a		vas	a noticea	pile su	dden ce	ssati.	on of	rain	jand wi	nd just moments		1	i	ŀ	ł	i	i	i i		
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Beck Road about 1 mile south of US S at 4,10 am; it hit a mobile home; and completely shattered it. The two accumpates were seriously hurtiput lucky to be alive. A neighboring frame house was deropfed. As it cominued west the ternada began to weaken over open meadowland a half mile south of the city of China Grove. It crossed south Fosted Road rear sulphir Springs Read, fortunately missing nearby buildins, at 10125 as it illifed from the ground just before reaching intersteate Highway 410, then continued over southeastern San Antonio as a funnel aloft. Jim Wells Co. [10] 9100 am 2 40 0 1 5 0 Tornado (Alice) The tornado moved quickly from east to west over; Alice as it formed in one of Huricane Allen's spiral bands. Allen's center was bnly about 60 to 80 miles to the south then. A motel on the adge of the city and to businesses were baddly damaged, a convenience store and a warehouse were destroyed. Two vacated mobble homes fearby were destroyed and began to first couched ground and began lifting depris. As it torrised first touchdown on south sides were blook in. Nany resilients watered as it approached and touch damages to houses in Lake Bastrop Acres, numerous windows on south sides were blook in. Nany resilients watered as it approached and their passed one proint of touchdown was lon Indian Oak Drife where residents made comments that the twister "made a noise like a shrill what!", "it was dearwing the passed of the city and a dark stail form from the ground damages to houses in Lake Bastrop Acres, numerous windows on south sides were blooks on south sides were blooks on south sides were blooks on point of touchdown was lon Indian Oak Drife where residents made comments that the twister "made a noise like a shrill was a funnel and brife where residents made comments who had evacuated from the coast and some commented that they should not have left the cast. As it continued west-northwest it passed over the lasstrop Federal Chreection Cepter without causing damage, Overall the torrado was on th		str	tures as	it pa	issed ju	st so	eth o	the	Sayers	Community and		over	countrys	ide nor	th of I	ake I	astr	p int	ermitt	ntly touching
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open meadowlard a half mild south of the city of China Grove. It crossed south [Foster Road dear sulphtr Springs Road, fortunately missing nearby buildings. At 10/15 and it lifted from the ground just before redacting Interstate Highway 410, then continued over southeastern San Antonio as a furner aloft. Jim Wells Co. [10 9:00 am 2 40 0 1 1 5 0 Tornado (Alice) The tornado moved quickly from east to west over Alice as it formed in one of Eugricane Alleq's spiral bands. [Allen's center was hely about 60 to 80 miles to the south then.] A motel on the edge of tile city and two businesses were badly damaged, a convenience store and a warehouse were destroyed. Two vasieded mobble homes fearby were distorded also. One woman was slightly injured when the tornadic Hast collapsed her apartment wall inward on her I the tornado moved westward out of the city and also have been also also woman was slightly injured when the tornadic Hast collapsed her apartment wall inward on her I the tornado moved westward out of the city and although its frack day have been longer, there was no further evidence of it away from Alice. Travis Co. [Austin] Caused some reof and vindow damages so houses in Lake Bastrop Causing sides were blowd in. Nany residents watched as it agricults a touchdown was on Indian oal Drive where residents and counters that they resident and color in adar, grayish in color, "it danced arpund intermittently hurling tree limbs and debris upward." area Residents watched that they should not have left the coast, as it continued west-northwest to prove the exact when the coast and some commented that they should not have left the coast, as it continued was not the sacrop federal chreatest who had evacuated from the coast and some commented that they should not have left the cast. As it continued that they should not have left the cast. As it continued that they should not have left the coast, as it continued that they should not have left the coast, as it continued that they should not have left the cast. As it c	:	hurt	but luck	ý t	o be al	.ive.	A nei	t hbori	ng fra	ne house was		tori	ndo first	touche	ed grow	d and	beg	an lif	ting d	ebris. As it
inissing nearby buildings. At 10/25 shit lifted from the ground just before reaching Interstate Highway 41b, then continued over southeastern San Antonio as a funnel aloft. Jim Wells Co. 10 9:00 am 2 40 0 1 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 5 0 Tornado 10 9:00 am 2 40 0 1 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 1 5 0 Tornado 10 9:00 am 2 40 0 0 0 1 1 5 0 Tornado 10 9:00 am 2 40 0 0 1 1 5 0 Tornado 10 0 1 4 8 10 Tornado 10 0 1 4 8 1 0 Tornado 10 0 1 4 8 1 0 Tornado 10 0 1 4 8 1 0 Tornado 10 1 4 8 1 0 Tornado		oper	meadow1a	nja a h	dlf mil	d sou	th of	the c	itty of	China Grove. It		caus	ed some n	oof and	d window	dama	ages :	to hou	ses in	Lake Bastrop
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	damaged. It c	rossed	Old Mai	nor Ro	ad ta	king	roofs	es were heavily off houses,		sed	Countyline	Road	into H	ys C	unty	at 4	12 pm	th then as it cros- pst. It hit
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1	and heavily d	amagin	q 50 ca:	rs in p	the p	arkın	g lot.	Many coastal ments. Persons		strd	ngest at	his p	int. Da	amage l	path	was a	bout 1	ed to be at its 000 feet wide here
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	during the ap	proach	toward	the	ornaji 	0.			1	build	ing. Most	of th	a 111 r	esiden	nts d	f the	nursin	f the spoke-shaped g home (which
	On the airpor	t the f	tornado fon dam	moved	over	Rags	dale A	viation hangars bund equipment.										in the central Only two minor
	Three hangars	were	destroy	ed, 7	priv	ate a	hd sta	te owned airplanes ironically had			ies were llion.	report	ed ther	e∙ Da‡r ∣ ∣	nage	to the	build	ling was set at
	been moved to	Austi	from	dorpus	Chri	sti t	b esca	pe the hurricane				cross	ed IH35	l no da	urs v	ere hi	lt. The	earthen overpass
	hangar where	100 per	sons w	ere as	sembil	ed in	side.	It did wreck sever- lot. At this time	ł l	emban	kment tem	porari	ly weak	ened	he s	urface	vorte	x it seems as e it did less
	the cornado w	ds visi	ible fro	on the	Nath	onal 1	Weathe	r Service on		inteq	se damage	to a	restaur	ant ar	od mo	tel.	t move	d down Uhland Road
	minutes and w	‡tnesse	the a	irport ibed	a mudi	was v tiple	suall vorte	y tracked for 11 x appearance		Then	passing o	ver va	cant lo	ts on	the	northe	rn edd	o station KCNY. e of San Marcos,
	within the fu	1	į		-					in th	is area,	nany di	roofed	and v	rindo	ws bro	ken. d	ses were damaged ver a dozen
	It then left side 51st Str	the air get dar	rport and paging :	d fol severb	lowed l doz	a tw	b mile nes. N	stretch along- o injuries occurred	}	serid	usly hurt	and s	everal	others	got	minor	injuz	me resident ies. It then
	here as resid ings or heari	dnts re	ported	being	awar	e of	the to	rnado through warn-	.	off,	but none	of the	coasta	l evac	uees	stavi	ng in!	art of the roof the school were
	packed with 1	400 per	sons, i	any c	oaste	1 res	idents	who evacuated ers spotted the		hurt damaq	All were ed gym ar	in sa a. It	fer par then p	ts of assed	the over	build the 5	ng rat an Mag	her than the cos River at it crossed
	tornado, warn under seats u	ed the	people	and	all t	ook s	nelter	on the floor		Aguar a vad	ena Sprin ant field	s wit	out hi	tting Liftir	liud g of	dings f gro	Then ind. Th	it crossed e path was 8 miles.
	hit the church	direc	tly, b	ut can	e clb	se en	ough t		1	1	· i	i	i	i		1	1	ally tracked the
	ed ahother ap	ertment	comple	x bef	ore b	rossi	ng Int	erstate Highway	1 :	funne	lasit l	ft Sa	n Marco	s. It	move	ld most	ly alo	ft over open
	under the 51s	Stree	t over	ass,	but t	hree	injuri	ing and stopped es occurred here		towar	d Wimberle	y. It	cuta	najor	powe	r line	betwee	Highway 12 en San Marcos rcent of 8 miles.
		ouses	were da	amage b	west	of I	H35 as	the tornado began	1	. !	!	' !	!	. !	-	- 1	- 1	n ground about 4
	Guadalupe Str	et and	the Si	tate 🛊	ealt#	Buil	ding á	fore reaching few blocks from	! 5	miles	southeas	of w	mberle	and	conti	inued!	on the	ground for 11 mberley residents
	the state Dep	l	1	i	i	1			' k	as it	passed a	mile	southw	est off	tow	n.Daop	age bek	gan east of
Travis Co. Williams Co.	10 2:25 pm 10 2:50 pm	i ³⁰	50	i ° i	0	5	0	Tornado	1 . •	Many	trees wer	uprob	ted an	fen c	es d	owned	as it þ	anch Road 1492. passed near
(Manor to Lake Travis)		į į				`			!	a rot	ck house o	n a bli	uff bes	ide 🛊	ne Bl	lanco	≀iver b	funnel skirted completely tearing
	very quickly.	It was	observ	ed by	the	state	Highw	ved west-northwest ny Patrol as it	1	from	the coast	. Ther	it hit	the	a Rp	anch w	ere it	who had evacuated damaged buildings
	first formed many citizens	It was	then s	ighte	d alor pora:	ng ita icall	s very	long path by ather radar. Diff- er which hit		the t	wister. 🕈	There h	were tw	o grot	ipa b	of dar	cloud	tex nature of s which just
	Austin, this	Cornado	remain	ed re	lative	ely w	eak and	was on the		heav	ly damagi	l toge ng sev	ther." eral mi	It the les of	en ndo ffeh	oved of	er the splip	Thompson Ranch tering huge oak
	ground interm	ttent	y over	a lon	g pati	n. Sp	otters	verified that it ern suburbs of	1 1	tree#	- 1	. 1	j	İ	ļ	i	- 1	
i i	Austin where and outbuildi	it did	minor o	damage	tor	oofs.	windo	ws, trees, signs.	1	for t	he next 1	3 mile:	s, dipp	ing t o	grþ	ound	lbout 🏻	rmittent path. O percent of the
	Interstate 35	it to	uched o	≛own n	ear iP	armer	Lane	and IH35 and was continued skipping		dista Blanc	nce from a	obser	west	of Win	berl esid	ley tol	one mi	le southwest of assed aloft
	past Anderson	Mill.	did dar	hage b	main!	in th	e Charl	andoah Cubdinigion		just	to the so	ith of	Blanco	a fev	min	utes t	efore	5 pm cst.
								sed briefly over		Segme Which	nt #5	it the	begar	its 1	the	conti	uous p River	ath on ground to near Falls
	Inilus north o	I HICKI	mintown	land b	nded (over I	Dage di	passed into the k Ridge on		Creek	. It firs	tou¢l	ned down	n injE	lanc	ю Соції	tý atj	5 pm and soon . It deroofed
	ground about	0 per	ent of	the b	otal :	pm c lengt	st. Iti h betw	was on the een beginning and	1	the £	arm home	ınd des	troyed	barns	anļī	farm	equipp	ent. Several y. Neighbors
Caldwall Ca	Cind In points	; ;	,	i i	-	į	į			obser that	ved the th	ister	and sa	id tha	t th	e perb	istent	east winds e twister hit.
Caldwell Co. Hays Co.	10 4:02 pm 10 4:10 pm	!!	200	0	20	7	0	fornado		Many:	farm house	es wezie	barely	y miss	ed b	y thel	funne!	as it continued
Blanco Co. (San Marcos to near	10 j 5:00 pm	!!	į		1	į	į	·		at Fa	lls Creek	One	ancher	descr	ibed	the t	ornado	rket Road 1888 as "One large on this last
Wimberley to near Blanco)	tweetn its fire	t and	last pe	intsi i	on the	a arcii	ind. H	the 47 miles be- nis tornado still		leg r	anged up	:0 300	yards	vide	۱۱	vamag	e hack	ou dire 1980
	related torna	tne le loes de	ongest-l cumente	ived d in	and lor Texas	ne off Damka	the st	ronger hurricane-		10	4:30 pm	2	30	١	١١	4	0 :	Tornado
	Maroos alone	as \$15	millie !	n wilt	ո \$3 ո	nilliko 	on damla	ge done elsewhere.	(5 mi. SW of Pearsall)	The b	ornado mos	ed wes	tward	over a	fa	m aboh	t 5 m	les southwest
	Segment #1 field between	The to	rnado in Marc	irst s Air	touche	ed gric	und at	4:02 pm in a Market Road 142 in		dest	oyed a b á r	n and	windmil					ornado as it the farm house
	extreme wester	m Cald	lwell Cb	unty.	The f	unnel	moved	west-northwest		on th	e Ruben 11:	evind	farm.					
	Airport proper	ty. Ce	nter de	rmito	ries w	ere p	artial	lv filled with		10	4:30 pm			-	- {	-	i	Funnel Cloud
	cane Allen. Mo	st eva	cuees h	ad can	s dha	trove	d on t	had fled Hurri- he center parking										lso by a pilot terstate 10. The
•	heavily damage	d. The	re were	6 ih	uries	⊥ucı n to p	ersons	rmitories were	ļ f	funne: grouh	1 moved to	ward t	he sort	hwest	and	appar	ently r	never touched

	SAL CAL	PATH	Į	NO. PERS		STIMA DAMA					3AL	РАТН	Ŧ		OF SONS		ATED†	
PLACE	DATE TIME - LOCAL STANDARD	LENGTH OF P	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P. (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
LATE REPOI TEXAS (continue		AUCUS	T 1980						LATE REPOR							İ		
Frio Co.	10 4:45 pa		1	1 1	0	3	٥	Tornado	SOUTHERN Hardin Co.	22	5:40 pm	AUGUS	T 1980	0	0	5	0	Wind
(Pearsall)	A weak torna	d was	pserve	pass.	ing þv	er a	resid	ential area in										ed through Hardin
	large trees	vere up	poted,	but n	o one t	ras bi	ses al urt a	long S. Ash St., residents descri-		uti:	ities occ	ırred	over mu	ch of	the	county	with	s, roofs, and concentrated
Number Co	bed hearing	i	roar a	and tal	king c	over				wer	downed,	light	standar	às we	re be	nt at	the Si	any pine trees lsbee High School n into the
Nueces Co.	10 5:30 pt	İ			<u> </u>			Funnel Clouds		wes		n side						utility poles
	around 5:30 p	om cst.	Allen's	main	raip l	and	was 1	ous Christi area ying parallel ne. Relatively	Fayette Co.		afternoon			١	0	4	i 0	Wind
	dense popula	ed area	in the	i city	probal	ıly w	ould i	nave shown clear and. Apparently	Tayout sai		i !	n but	verv st			i	ļ	re generated by
	none did.	any or	Gie rur	 	ever to	ucnec	a gro	ind. Apparently		an:	solated t	hunder	storm o	ver L	aGrar	ige. S	attere	d damages occur- ilding and a
Nueces Co. (Calallen)	10 5:30 p	1	30	0	0	4	٥	Tornado			e water o							
(Calulten)								dipped to earth	Travis Co. Williamson Co.		afternoon afternoon			0	0	5		Wind Wind
	Plant on High	way 9 a	bout 7	miles	west o	of the	e air	ort. Although		i	! i	i i	l qusts	occu	rred	simul	taneous	ly with 30-minute
	area from wha	it they	had bee	n ear	lier i	n the	đay,	the wind recorder the edge of the		dow	pours und	erneat	ha cl	µster	of t	hunde	storms	in western pped awnings,
	tornado pass	over	the che	mica	plant	. [,		ant fro	nnas, roo n Cedar Pa	fs, an	d fence Austin.	s, an In A	d bro ustin	ke ma:	y plat centra	e glass windows ted swath of
San Patricio Co. (near Mathis)	10 6:30 pa	2	30	0	0	5	0	Tornado		dam	ges was	noted	on a mi	le lo	ing az	ea be	ween S	outh First and no problems.
								ss agricultural were done, but	Hardin Co.	24	4:10 pm			0	0	4	0	Lightning
	same area ov	r an ho	ur's ti	ļme, ≴	unnel o	clouds	s wer	aging it. In the also seen aloft		Ligh	tning hit	the ci	ty com	unica	tion	tower	causi	ng damage to police were knocked out,
	near Point L	}	1	itch	and O	ld Mc	Annal	y Road.			bulbs ex							
Bexar Co. (near Sayers)	10 i 6:35 p	8/10	35	٥	١٥	٥	0	Tornado	Harris Co.	27	1:30 pm			0	0	?	0	Wind
	Lake moving	tqward 1	the nor	thweat	. With	esseis	saw	near Calaveras it touch ground										the Deer Park,
	near East Ce a stronger t	n¢ral H: ortnado 1	ilgh Scho Bhat sar	de mon	short ning '	dista Chis	nce so	outh of the path of ly hit in an open			gusts.	asceri	nazzzs	Com	icy a.	tea br	l I	g locally damaging
	field uproot	(!	!!	- (``	- 1	,	Bexar Co. Guadalupe Co.	27 27	3:30 pm 3:30 pm		İ	0	0	5	0	Wind Wind
Hidalgo Co. (Penitas)	10 6:50 pi	1	50	0	į	5	i	Tornado		1	hgle thund	eretor	 	-		ļ	i	
	the edge of	the Peni	tas con	munit	y, Disc	erni	ble d	h-northeast on mage path started		Guad	alupe cour	ty lir	e and s	howe	no	apprec	iable	hovement. Sudden downburst of wind.
	intersection	of US F	ric Kai ighway	P3 an	tracks d Farm	Road	1427	close to the . Along this path		Gust	s were est	imated	at 80	lto 9	mph	and c	aused	scattered damages overturned, roofs
	damaged, and	about 2	were to	proot	ed, a v	extens	sive	Along this path vas severely coof and window		peel	ed,traffic	signa	ls and	sign	wer	blow	n down	and many small rolled and
	damage. There	thern ed	bge of a	lard	e rain	band	asso	rhado formed ciated with edo at the time.		demo	lished. Or one barn w	014	onverse	Road	af	arm su	ffered	severe damages
Medina Co.	10 7:30 pr	ļ.	40	0	- 1	4	i	Tornado	Brazos Co.	27	4:00 pm			0	0	5	ł	Wind
(near Devine)	l i -	ļ		ii	i i	1	- 1	northwest path		27	4:00 pm		i	0	0	5	i	Lightning
	just southwe:	t of De	vine. 1	It pas	sed hea	ar Hid	ghway	173 just missing its roof off.		the	fternoon	rush t	our. Se	vere	lgust	tore	roofs	ion area during from at least
	Power lines v	retre sev	ered cu	tting	offp	ower	to Bi	Foot community.		powe	r poles we	re dow	ned. To	rrent	tial	rain w	as cen	ofs. Trees and ered over Bryan
Kleberg Co. (near Kingsville)	11 12:30 as	n 1/2	25	0	0	0	0	Tornado		stre	ets and ca	eated	very ha	zardo	us c	nditi	bns fo	er surged through traffic, but
	Deputy sheri	er the B	ing Rar	ch ma	in gåte	e west	t of i	ingsville.		91 d	ay rainles	s peri	od for	Bryan	, th	e seco	nd lon	downpour broke a gest such period
	the funnel,	and it r	ake a z	parin	g sound	l as i	it pas	ng illuminated sed. No damage was		stri	ķes. Utili	ty equ	ipment	suffe	red :	₿ig lo	sses.	many lightning Power was out for
	found from the	is funne the throu	in the	is an	ea,bút withou	soon	after tting	ward it began any structures.			thing and			ours.	In	Bryan 	nome	s were struck by .
Medina Co.	11 12:30 as	j n 1 1/2	40	0	0	4	0	Tornado	Galveston Co. (Texas City)	28	10:10 am	3/10	30	٥	0	9	0	Tornado
(near Hondo)								hwest crossed	(Texas City)	The	ornado wa	s seer	by man	y per	sons	and p	notogr	phed by several. t sounded just
	of a house r	ipping a	portio	n of	the go:	rch þi	nd roo	within 50 yards of off, downing		lik	a cannon	Then	it roa	ed r	eal 1	bud.	then it	was gone."
	hills to the	northwe	st. Squ	ially i	weathe:	r asso	ociate	dissipated over d with one of		dent	ial and b	sines:	areas	eac	h tin	e on t	the gro	und for only 15 e windows, and
	moments befor	re the 1	wister	was r	eporte	1. Ope	cupant	near Hondo just s of the house		rol.	ųed severa:	park	d cars	Pow	er li	nes we	re sev	ered. The et moved westward
	tornado passe	eqiby, ∎						ily before the		to :	#th and Pa #fly. The i	lm, an	d was	n gr	ound ed by	at the	se two	points only ours that dropped
Name Co	tornado was				į	-		 1 4		near	ly an inci	of r	in in	o mi	nutes	,		
Hays Co.	11 6:30 a	!	hande	<u>[</u>	r. 1	,,, L	ia	Funnel cloud	Jim Hogg Co.	29	4:45 pm	i		0	0	?	1	Wind
Val Verde Co.	17 8:00 ar		Lassing	near		?	?	touch ground. Rain Flooding		just	north of	Agua I	lueva a	d no	ved s	outhwa	ard cau	Jim Hogg County sing damaging
	Early mornin	thund	erstor	us dumu	ped to	rents	s of r	ain over northern		wind	gusts ove	r rur	l area	and	town	s in s	buther	n parts of the
	totals of 4	inches	common	over	northe	n val	l Verd	in one hour with le County before	Austin Co.	l	 12:20 pm	1/10	20	0	0	0	0	Tornado
	and sharp r	ses mov	red down	the	Devil's	and	Dry [d in most canyons evil's Rivers.	(near Sealy)	A sn	all tornad	lo tou	hed gr	und	in op	en far	n land	between Sealy and
Polk Co.	22 5:30 pt	!	септро 	i i	- 1	vift y		Wind		of v	ery heavy	d Rive	r. The	twis ext	ter f endin	brmed g from	on the	edge of an area ton to Sealy. It
- O+P CO+	A Meminute	dbratic	h thund	ereto	zna pałod		wind	Wind gusts measured at		hit	no struc	ures	ind caus	ed n	dam	age.	Ļ	
	75 mph hv +1	e Trini	Ly Rive	E A1104	hori de	gand	e on 1	ake Livingston.		l	!		i	j	j l		i i	

PLACE		ا مد	PATH	1.70	1	ı			I CHARLETTE	i i			РАТН	<_					
	DATE	TIME - LOCAL STANDARD	LENGTH OF (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	(MILES)	WIDTH OF PATH (YARDS)	מוררבם	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
LATE REPOR TEXAS (continued SOUTHERN			AUGUS	5 7 1 98						LATE REPOF TEXAS (continue SOUTHERN			SEPTE	MBER 1	980				
Webb Co.	29	7:00 pm			0	0	5	0	Wind										ter passed west- thern Jefferson
Zapata Co.	29	8:00 pm 7:55 pm			0	0	7	0	Rain Flooding Wind		and	Chambers C	ountie	s, a ba	nd of	int	ense r	ins s	ept inland to the
	A sev	ere thun	lersto	m produ	ced :	nigh	vind 9	usts o	ver the city of		into	morning c	f the	6th, se	rious	flo	þðing	set in	ers of the 5th and over extreme
	measu	red at 88	mph k	ut on t	the s	puth	side o	f Lare	eak gusts were do severity of		inch	es at Jeff	erson	County	Airpd	rt,	ust s	hort o	the all-time
	The s	torm move	d sou	hward a	long	the	Rio Gr	ande i	ibly of 115 mph. nto Zapata County		Vide	our rainia 14 inche	s; Bea	umont 1	ind 3 ind	sta hes;	Cheek	12 in	City 16 inches; hes.
	from	Laredo,	rew r	pidly,	and t	noved	south	ward o	veloped 15 miles ver the city.										s of the Edwards
	There	were no lipped.	report	ed inju	ries d ro	A p	lane n	oored On the	at the airport south side of		Alth	dugh no 1d	nger a	tropic	al de	pres	ion,	the res	ber 6, 7, and 8. pains of Danielle
	Lared	o several	. house	s had t	he e	ntire	roof	blown	off. Several cars were battered										ig the Balcones form dumped 25
	by bil	owing dea	ris.		i	i	i	}	Low areas of										n the Llano n that basin.
	Lared	o experie	nced f	[lash f]	Loodi	ng wi	th str	eets o	verwashed and with very swift		The		iftnes	s of th					flood damages
	water		armage	. arcone	ະ ວ ່ອນ. ເ	LITEU	Over	Danks I	with very swift			ļ	i i	!	ts be	low:	or fl	i bodim	acts and detáils.
Brooks Co.	30 Å	fternoon			0	٥	?	?	Lightning	Jefferson Co.	5			, 10501	0	0	,	!	Tidal Flooding
									alfurrias to meters and		5- 6	evening- next day			1	0	6	ļ .	Rain Flooding
		d the wal		e erect	l	Sur	de sec	1116	co meters and			i	0.14			i	i	ł	į i
Harris Co.	30	2:00 pm							Funnel Cloud		l	í s					1	1 3	love sea level. Pass and Sea Rim
	Bul 1d	ing thund	ersto	ns gene	rate	af	unne1	cloud	over Crosby in		Stat		t no đ	amage w	as do	ne b	cause	the re	ad remained in
	Gustly	winds di	d occi	r with	asso	ciate	d thun	dersto	uching ground. rms and caused		}	1		1	i		!	i .	eaumont, Port
	minor areas	wind dan	ages d	ver Hi	hlan	ls an	d othe	r east	ern Harris County		Arth	ur, Nederl	and, P	ort Ne	ches .	Gro	es, a	d oth	r suburbs. Total
	-	į	j			l					175	businesses	, 2 sd	hools,	hundi	eds (f aut	omobil	. About 900 homes, es, and many roads
	-	İ	SEPTÉ	MBER	980	. }				1		bridges su	1 1		!		i	!!	
Harris Co.	2	2:00 pm	į		0	0	5		Lightning		when	an out-of	-town	woman d	rove ¦	her	ar ar	dund a	pm on the 5th barricade and into
	An e	ectrical	storm	over th	e cit	y of	Bella	re pr	duced numerous	·	a fl	poded unde pe before	rpass the ca	at Coll r subme	ege a rged	nd R	ilroa feet	of wa	She was unable to er. All Beaumont iter some homes
	light: radio:	ning strips and comp	kes wh munica	ich dam tions s	aged ytems	the t	unici; lity	al wa	er well pumps, and transformers,		bv 9	om cst whi	en rai	nfall t	otals	wer	appr	o achine	7 to 9 inches.
	and ti	ne city's	centr	al powe	r sta	tion					Part was	s of the S 2 feet dee	outh B oins	ark are	awe‡ ses.l	e ev	cuate orth B	d and d	ventually water cother houses
Jefferson Co.	5	3:00 pm				į			Funnel Clouds		and in d	apartments	flood Most	ed. Mar	y cai	s floor	oded led in	out and	l were abandoned 1979 and July 1979
									7 miles south-		were	flooded a	gain t	his tiu	е.				•
	south		√est.	At 3:55	pm d	ne f	nnel 1	assed	over Memorial Blvd		In P	ort Arthur	the M	ontrose	and	EIVi	ta ar	eas wer	e hit hardest by found wherever
Jefferson Co.	5	1	ı	!	!!!			! !		.	wate	t nonded.	Draina	ze numni	ေလေ။	1d nd	t kee	וש סנו ל	th the deluge.
(Beaumont)	-	4:45 pm]	ļ	30	0	0	5	! !	Tornado		resc	te attempt	s to p	emove h	in fr	on h	s cap	Bized 1	tack during
1:	in wes	st Beaumon	nt. It	first	touch	ed g	ound	in the	College Street 5200 block of	1	its	200 to 300	barre	ls of d	il in	to ti	e Nec	hes Ri	eater and spilled er. Clean up
1	Langha	ım Road.	It cau	sed dam	age a	t the	Coll	ege Sti	of College near eet Mobile Home	1 i	midn	ght of th	e 5th l	floodin	g low	area	s aro	lınd the	t of banks by Lovell Lake
i.	viciþi	ity of Co.	llege j	St. it į	passe	d nea	ır Eva	ıgel T∉	e Langham Rd. Emple where it			nity. Tex 3 feet ov							ayou waters which the 6th.
	windo	rs, and li	fted	loose d	bject	s fro	m yar	is. The	broke house funnel was	Orange Co.	5-	evening-	j	İ	o į	0	6	?	Rain Flooding
		ed again k ay 90 west				rmov	ing W	stward	aloft.near		l	next day	į	ļ	į				
Southeast and Central	5-8	-		ļ		į			Tropical Storm Danielle		16 i	hches at H	ridge j	City an	d 14 İ	inche	s at	Vidor.	ange County with Nearly 9 inches
Texas	į			Ì					Rain, Flooding		in B	ridge City	. Exte	nsive s	anďba	ggin	effo	rts are	ouildings and homes ound individual
									in the northern estward going		buil busi	dings save nesses wer	d some e dama	from f ged. Ar	loodi eas	ng, ! long	ut an Texas	estim/ Avenue	ted 30 homes and and low spots
									ening of the 5th.		in 4	or 5 subd	ivisid	ns were	flod	ded I	adly.	Many o	ars were driven inted in the water-
									gh to generate le dropped		cove	red terrai	n. In	Orange	stred	t fl	oding	was e	tensive but the de housing
l·	torre	ntial rai	ns and	produc	ed se	rious	floo	ling of	er two widely		proj	ect. Water	s drai	ned slo	vly d	urin	the	th.	-
Į.	treme	southeast	corn	er of t	he st	ate	s Dan	ielle p	d over the ex- oved onshore late nielle had moved	Jefferson Co.	5	night	!		0	٥	5	٥.	Lightning
Į,	west va	ard, flood	as occ	urred q	ver p	artsi	of the	Texa	Hill Country Danielle's rains		Beau 40 c	mont Fire	Depart	ment wa	s cal	led ing.	n to	xting	ish some 30 to buildings, trees,
<u>}</u> ,	were 1	neaviest a	at nig	ht and	only	1igh	to m	derat	rains fell		and	power line	s. One	lightn	ing-s	tart	d bla	e hea	ily damaged an
-	toward	central	Texas	· ocna	Long	nau1	TT6.2		as it moved	Jefferson Co.	6	4:00 am	ļ	20	0	, !	4	0	Tornado
									nches at Neder-	(Nederland)		i !	1	}	- !	i	T .	! !	d rapidly to the
Į,	was al	out 25 il	nches k	on a ra	nch 1	O mil	es no	thwes	aximum rainfall of Junction.		nort	hwest near	a bar	d of sh	wers	. It	destr	oyed a	barn near the
	rotal in the	damage j	n Tex	as from O milli	neav on do	y ra j llar	n and	flood	ng was estimated	1	the	airport. I	t move	d north	vest į	and	remain	ed alo	than a mile from t after the one
	Daniel	le's rair	ıs fel	l on an	eas t	l hat þ	ad not		affected by		on t	n down. It ne edge of	was se Beauty	een a 1, ont at j	ast t Hight	ıme ay 6	and	py she Texas	iff deputies 47.
<u> </u>	Hurric	ane Aller	ı's ra	insa mi	onth j	earl	er. A	a res	ult, the flooded drought conditions	Galveston Co.	6	9:30 auπ	İ	ļ	-	ļ			Funnel Cloud
		Danielle	arrij	ved. Th	is p	obab	y hely	ed red	uce the amount		A fu	!	Dasse	aloft	near	Pri	ndswo	d. It	headed toward
		odina r≠	ised w	v Danin	110.	esner	iallu												
		ooding cap	ised h	y Danie	lle,	eapeb	ially	in rur	ai areas.		the	northwest of Alvin	and may	y have	peen	the i	ame f	innel	hat touched ground

	14	PATH	-		. OF		ATED1				'AL	PATH	ı		OF SONS		ATED [†]	
PLACE	DATE TIME - LOCAL STANDARD	LENGTH OF P.	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY		CHARACTER OF STORM	PLACE	ש	TIME - LOCAL STANDARD	LENGTH OF PA	WIDTH OF PATH (YARDS)	KILLED	NURED	PROPERTY		CHARACTER OF STORM
1	TIM TIM STA	<u> </u>	₽	Ē	ž	8	CROPS			DATE	TII)	Ė	M¥	Ī	Ž	æ	CROPS	
LATE REPO				į			i		LATE REPO		.							
TEXAS (continue	xd) !	SEPT	 EMBER	1980					TEXAS (continue	(d)		SEPTE	MBER 1	 				j
Brazoria Co.	6 9:55 a	m 2/10	1	0	0	0	0	Tornado Funnel Clouds	Kerr Co.	7	10:30 am	aftern	oon	٥	ĺ۰	5	0	Rain Flooding
(3 E Alvin)	6 morning	i	l mound				ack sh	out 3 miles east		stea	dv rains.	Amount	s total	led	6.5 i	hches	in wes	a night of soaking tern Kerr Co.
	of Alvin nea	r highw	aly 6. I	t mov	ed br	efly	over f	ields heading . The large		A sw	ift rise o	ame dd	wn the overtor	Guad.	lupe high	River	and, a	though it was not and tear small
	funnel lifte	d and w	s phot	dgrap!	hed a	l it n	oved a	loft for several	Real Co.		10:45 am-				s Pa 0			lle. Rain Flooding
	and norther									11.8	inches of	rain	Fell at	Leak	ey, i	host h	ving a	ccumulated
Harris Co. (SW Houston)	6 10:30 £	m 1/10	20	٥	.0	٥	0	Tornado		wash	d over US	Highw	ay 83 s	puth	of L	akey ı	hile.	e Frio River the rains also
(SW ROUSCOI)	A small torr	ado for	med in touched	qual grou	Ly we	ather ry bri	associ efly i	ated with Tropical h southwest Houston		Stat	ated a ri e Highway	337 wa	shed ou	t in	spots	. Swi	ft wate	r and road
	near Southwe	st Free	way and	Biss	bnet !	Road.	Its sh	brt.track toward			1	i i				i	!!	ains tapered off.
Galveston Co.	6 11:00 a	Ţ	ļ	0	0	3		Tornado	Uvalde Co.		11:00 am-	1 1		0	0	1	!!	Rain Flooding
(Port Bolivar)	A small tor	ado mov	ed north	hward	acro		 Boliv	ar Peninsula		Uval	flooding de County.	Most !	of the	flood	pro	Rucing	rain	ad fallen in
	storage buil	ding. I	he weak	itwis	ter t	ore of	f part	a county owned of the roof and		stre	im were st	111 gr	eat eno	pgnt	to f	lood 1	w wate	coming down- r crossing 10 feet
	a wall. The real hard; i	fire ma t sudde	zshall nly sto	vitne: pped	sed and t	it and hen th	said, torn	"It had rained ado popped out of		move	out upon	being						te Park campers ened by the
	the clouds."	Ì	İ								en river r	ises.			_	i		
Fort Bend Co.	6 1:00 I	1	•		ij			Funnel Clouds	Gillespie Co.		noon on			0	'	?	! !	Rain Flooding
	4 to 6 funne the area fro	n Misso	were pri Cit	seen y to	over Sugar	easter Land	n Port	Bend County in fford. None touched		send	a moderat	e rise	down t	he Pe	derna	les R	ver.	rural roads and
	ground as th	1	d towar	i i	i !		i	i I	Galveston Co.		to wet the afternoon	grown	u anu e	i o		7	i	ducing rains. Lightning
Nueces Co.	6 afterno	i	ļ., ,,	0	0	5	i	Lightning	Garveston co.		i i	ineta	lling s	i i	i	ŀ	i i	n at Caplen when
	of thunderst	comples. U	tility	equip	hent	was da	haged	during a series		the	house was	hit by	lightn	ing.	Two o	f the	men re	céived minor but the third man
	out and star	ted a r	ntmber o	f fir	es. O	ne pal	n tree	the city shorted was struck, caught		was	nore serid	usly i	njuređ	becau	se h	rece	Lved th	e electical strike ked unconscious,
	the resulting	g fire.	nited	the a	рзасе	nt nou	Se Wni 	ch was gutted by		firs	t aid and credited w	cardio	pulmona	TY TO	susc	tatio	by or	e of the other men
Kendall Co.	6 night	ļ	ļ	٥	•	4	0	Lightning	Bexar Co.	1	1 15:30 pm			, ,	0	4		Lightning
								electrical wiring, bol was unoccupied			1	ick an	electri	cal c	i	ĺ		Antonio house on
	at the time			l I	y sys	 	ne ac. 	l		Seid	el Road an	d caus	ed the	house	to	datch	fire. :	he same electrical ulpment at
Wilson Co.	7 3:15 am	١	Ì	0	٥	?	?	Rain Flooding			Antonio In						ĺ	
i	Heavy rains	had acc	mulate	45 t	6 i	nches some c	by pos	t-midnight hours Marcelinas Creek	Kimble Co.	7- B	Late nigh	t-		0	٥	٥,	c	Rain Flooding
	overtopped I	arm Roa	d 541 e	ast o	Pot	h doin	g some	erosion to the es and rural		i	1	 	l nrone	ļ		 		million dollars.
	flooding.		İ	İ		!		!		1	i			ł	! .	İ	' '	se by 10 pm cst
Guadalupe Co.	7 4:15 at	İ	ļ	0	0 	?	?	Rain Flooding		from	steady ra Loped arou	infall	during	the ht h	day ur o	bf the Ver we	7th. Stern	Very intense rains
	Rains amount	ed to 5 I contir	land 6	inche	s ove	r most urs af	of the	e county by Unight sent		Cour	кру. Ву 7 а	ta on t	he Bth	rain:	fall	totals	were	l3 inches over instorm was on
	the south s	ide of t	ndden ri :he Guad	ses o Lalupe	rer b Rive	ankful rwas	1. Far floods	night sent n Road 466 on d at several spots Rural flooding		the	Pfluger Ra tually wer	nch 10 e accu	miles mulated	nort for	west the	of Ju period	hction 6 am	where 25 inches 7th to 9 am 8th.
	where creeks and some ros	c dross	it into ses were	the	Guada main	lupe F effect	Hver.	Rural flooding		of t	of that r	ain, h e grea	owever,	fel:	dur of w	ing th	e near pparen	midnight hours
Medina Co.	7 8:30 at all day		į	0	0	5	7	Rain Flooding		brid	ge on the	fronta	ge road	. In	erst	ate 10	was c	Highway and a losed by 2:30 am
	'l i '	!	dains o	the	6th,	stor	us int	 ensified about		soon	after mid	night	reside	nts	ear	the ri	ver in	Junction. By Junction were
								ng. Farm Road ent and along		3 ho	urs later	houses	, a can	pgro	ınd,	a mobi	le hom	ning. Less than a park, and several
	Parker Cree)							evacuated as arly morning		busi swif	hesses nea t waters.	r the No los	river i s of li	n Ju fe o	inj	h were	inund curred	ated with the Highway 83
	rains pushed Medina Count		to abo	ult 10	inch	es for	parts	of northern		at J	unction la	ter th	at morn	linσ i	t the	seco	hở hiơ	waters crested lest level on
Bandera Co.		 n-evenir		0		5		Rain Flooding		swee	rd (record	was J of fen	une 193 ces and	5). live	stoci	roar out	ed on o	lown the Llano river bottom.
Ì	1 1	-mornin	ļ	ļ°.	0	?	!	Rain Flooding	Mason Co.		Late nigh	t-		0	0	07	С	Rain Flooding
	of the 7th	iving 7	inches	at B	ander	a and	dedina	the morning North of Medina		9	All day	out mi	dnicht	0	0 feeds	7	?	Rain Flooding the Llano on
	fell. The Me	dina Ri	er dev	dlope	d a 2	b ft r	ise wh	inches of rain ich crested from		a bi	🛊 rise. Th	e cree	ks swel	led t	he L	lano R	ver af	ter daybreak
	during the a	ıfternoc	of th	d 7th	Thi	s put	the ri	b Lake Medina ver 1 foot below		upst	ream Kimbli	e Coun	ty on t	he Ll	lano I	iver.	The re	sult was that and maintained its
		ghway I	🏮 at Ra	nger	cross	ing be	Low Me	dina; blocked		near	record he	ight.	Losses	from	the i	lash i	floodi	g included 12
	Creek had a	ready p	t a ri	se in	to th	prive	belo	ank. Winnians w Bandera in ing east of		hous	es, low br	idges	and roa	ds in	the	river	botton	, many head of med, and nearly
	Bandera. The	walch h	st burs	of	rain	was on	the r	ung east of prth Prong ty received 10.65		100	niles of f	ences.	The ri	ver c	reste	q son	h of N	ason during mid
	inches at Va	ınderpoo	of which	put	a fla	sh flo	jod dov	h the Sabinal			i i	were h	elieved	in +	he ne	ighho	rhood a	f \$5 million.
	because of	he over	head ra	ins a	hd sw	lft ru	noff.	M was washed out Btate Highway 187		L.	!	i i		į	ļ	!		ges away from the
	at Lost Map				e≊ueα 	j out 8	pa was 	Farm Road 470		Llan	b River. B	luff d	reek ro	se ov	er ti	he Jun	ction i	Highway west of siches at Camp Air
								pams by 2 am of		and	15.2 inche	s at L	ong Mou	ntair	sen	wate:	casc	nches at Camp Air ding down Camp Air a
	8 feet of wa	ater co	vered F	arm R	dad 2	107 ar	d High	evious day's, but way 16 along the		COMM	ercial bus	hit a	sheet	of sv	ift	water .	and wa	camp Air a hurled off the came to rest.
l	North Prong	and is	QTated	resid	¢nts.	ı	i	ı l	I.	I-Gad	e nus i	vate	- 111 EU	- CIN	min of	- rr 66:	ana t	ame to rest.

	1	}	РАТН	HT.		OF SONS	ESTIM DAM	ATED†				CAL	РАТН	Ę	NO. PERS			ATED1	
PLACE	DATE	STANDARD	LENGTH OF F (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF PATH (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF Storm
LATE REPOI TEXAS (continue		-	I I SEDTE	MBER I	1000					LATE REPORTEXAS (continue			SEPTE	MBER :	980				
	afterwar	rs were ds. The	safe burs	ly reso t of ra	ued w	hen v at co	ntrib	ted t	ed a short time o this incident infall observer	Burnet Co.		Evening- next morn	,		0	١	°6	c	Rain Flooding
		6 inch	es in	less t	han a	n hoji	r aro	ınd 4a	n cst. Highway		the	v rains de Bth and at as it rec	the s	ame tin	e wat	er i	n Lake	Marbl	the evening of Falls began to
	large ri	ses aga	in on	creeks	duri	ng th	e day	of Se	ght causing otember 9. No ted areas were		resi	dents were	evacu watez	ating F	lecan le Mat	Vall ble	ey lak Palls.	shore Boats	homes due to and docks were se homes. Elsewhere
Menard Co.	just ref	looded i night t	to a	slightl	y les	ser e	xtent	С	Rain Flooding		the duri	heavy rain	s over	Burnet put cr	and eeks	Marb on r	le Fal Lses.	ls tot Some 4	alled near 6 inches cars were ers, but miracu-
menard Co.	the	day day ti)			0	0	?	?	Rain Flooding		lous	ly no inju flowed and	ries c	ccurred houses	and b	kbon	Cree	k thro were f	ugh Marble Falls Lood damaged.
	Countywi estimate				he s	vere	flash	flood	ing were roughly		over	ed out are	o then	. Many e count	tele : y. R	hone ral	and e	lectri 174 no	city poles were orth and south
	the parc	hed gric	ound d	f Menar	d Co	nty.	Durin	late	elped to moisten		Fall	s on Hamil g Pecan Ci	ton Ci	eek. In verall	0ak 300 1	Ridge ouse:	s some	damag eral a	east of Marble es occurred eartments, and
	torrenti creeks b	al down egan tic	pours swel	hit th	e are lash	a. So	on aft	er mid ent was	and midnight Inight on the 8th, ers quickly into	Blanco Co.	10 b	usinesses 9:00 pm	recei	red floo	a dar	ages 0	in Bu		Rain Flooding
	upper Sa which ro	n Saba uted a	water group	s gathe	red i	nto a from	swif besid	movi	McKavett on the ng sharp rise river. Their trail-		rise	out of be	nks. t	S 281	lood	d in	spots	south	starting to of Marble Falls
	safety i and effe	natre ctsof	e unti expos	il resc ure.aft	ued. er th	They e 3:3	suffer 0 am r	ed on	re able to reach ly scratches escape. The flood	Chambers Co.	1	Burnet Co	unty.	Other 1	lood	impa	t on	rural	reas was not known Funnel Cloud
	of sheep	and mia	nv ca	ttle. m	iles	of fe	nces.i	sever	ral hundred head l riverside entered an elec-		A fu	nnel cloud iffs. It o	was s id not	ighted touch	10 m	les :	south	of Ana	nuac by deputy ,
	tric pow The rive Menard.	er subs r was e Water e	statio estima entere	n and d ted at d sever	isrug a hal al bu	ted p f mil sines	ower s e wide ses a	supply when d some	entered an elec- to a large area. it crested at houses in Menard,	Williamson Co.	19	2:00 am	 		٥	0	5	Į.	Lightning
	mainly o done to well as	n the r roads a other s	north and br stream	side of idges t s.On th	the hrough e 9th	river hout ,late	. Sig the c morn	nifican ounty o	houses in Menard, t damage was n the San Saba as inderstorms dropped		Ligh Rock	tning hit Other st	a hous	e and : damage	tarte the	d a poli	fire w ce sta	hich d tion o	maged it in Round ommunication setup.
Gillespie Co.		s senopi					n but	not so	high as before. Rain Flooding	Travis Co. Burnet Co. Hays Co.	19 19 19	2:00 am 2:10 am 2:15 am	!		0	0 0 0	? ?	0	Wind Wind Wind
<u>-</u>	Rainfall	. from	midnig	ht to s thern (dunris dilles	e was	betw	en 5	and 8 inches ks flowing north-	Blanco Co.	19 Seve	2:30 am l re thunde:	 storms	moved	Sout	٥	?	0 .	Wind junction area of
	ward tow	ard th	e Llar ys and	o Rive:	were low	gene bridg	rally es. T	out o	f banks and llen creeks ise on the		Wind	e four co	nties equip	causing ment of	high Lak	win Tra	d gust vis re	s and gister	scattered damages. ed gusts to 66 mph. s and buildings
Harris Co.	Pedernal	les Riv	er. 1/10	20		0	?	0	Tornado	Chambers Co.		and west	of Au	stin.	0		4	0	Tornado
(near Ellington Air Force Base)	A small	weak t	ornado	dipped	to	earth			southern Harris Webster community.	near Cove		all funne:	simi!	ar to i	hose	whiq	h freq		form but rarely
Jefferson Co.	It hit a								Funnel Clouds		leve Esta	1 in this	case. he tow	The tom	mado ve.	toud t wa	hed do s spaw	wn in ned in	the Cotton Lake an area of
	1 1	el clo				he Be	aumon	t area	but they did not		The knoc	funnel ral	ed ove	r the over,	300-1 remot	400 ing	Kendal part o	I Road	neighborhood roof from a house tore the garage
Llano Co.	8 Ho:0	- 1			!!	0	o	с.	Rain Plooding		door	s loose. I ge at the	woman	reside	nt of torn	the gara	secon ge doo	d hous	e was in her e flailed onto
	Damages due to f	were r	oughly loodir	estima g.	ted	at \$2	to 3	millio	h in the county	Jasper Co.	19	8:30 pm	ing III.	ury. 1	0	0	İ	: i	and dissipated.
	rimbha a	nd Made	on Cor	nties e	enter	d 1.1 b	no Col	inty v	lano River through ery quickly		area	from Kirk	yville	to Jas	per.	Deep	stree	t floo	creeks over the ling also occurred wooded areas
	rains ov	er Lla	no Cou	nty its	elf o	luring thile	earl creat	y hour	onally, heavy s of the 8th her flash flooding river west of	namely Co	were	flooded							ot known.
	areal Se	veral	mobile	homes	ther	were	dama	ged. I	h Llano some	Harris Co.	A fu	10:15 am nnel aloft ence that	. was s	potted	by a	pilo	near	Bayto	Funnel Cloud
	of the c	crest	s high around	above 6 pm o	the n the	100d 8th	water with	s. At a stag	e river, but most Llano the river of 31 feet.	Fort Bend Co.		ence that 3:25 pm	it to	cnea gi	ouna				Funnel Clouds
	the cree	ks and ed the	small Color	strear ado Riv	er,	the ts s	main l iftne	rise o ss and	the Llano River sudden rise			els were s rently nor				Fort	Bend	County	west of Clodine.
	that wer	e loca s so g	ted tr reat t	rough that a v	the K	ngslø vas ev	nd ar	ea. Th nerate	ver 100 boats e sudden volume of N on Lake LBJ	Galveston Co.	24	9:45 am	. !					ł	Funnel Cloud
	that way Several	re dest roads h	royed were 1	many bo	dats a	nd di	cks o	n the water	brado River, and banks of Lake LBJ. Including Farm		as i	funnel pas t headed n 9:00 am-			ickiń	!		i i	It stayed aloft
Burnet Co.	Road 152		exas 2	9 out o	of Car		High		near Pontotoc.	Val Verde Co.	26	next day	25-1		i i	0	?		Rain Flooding
	destroye	d the	house	and its	con	ents.	Whil	volu	d a fire which hteer firemen		area tota	s were 7	rn Val inches	Verde , by 3	count om 9	y was inche	5 ine	hes. I by 8	y noon rainfall pm 24 hour
	were fig	hting ocking	the bl	aze, li	lghtni	ng st	ruck	ngain :	very near to the uring him		the on the	hildress e Devil's	Ranch, and P	both i	n nor	ther prog	Val 'essed	erde during	and 13 inches on ounty. Flooding the day. State
											close road	d due to being wa	flash	floodin	gati	canye	n bot	oms. E	and 2083 were esides the erty damages were
		ļ									repo	rted.	į			ļ			
i	l i	ı	ı		: !	i		!	!	1	1	i	i		ı 1	;		į	

		'AL	РАТН	Į		. OF		ATED [†])AL	PATH	Ŧ		OF SONS	ESTIM.	ATED1	
PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P	WIDTH OF PATH (YARDS)	KALLED	NJURED	PROPERTY	CR0P\$	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P. (MILES)	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM
LATE REPOI TEXAS (continue SOUTHERN			SEPTE	MBER 1	1980		L			LATE REPORTEXAS (continue		; '	oc 108	ER 198	30				
Galveston Co.	a fu	1:30 pm nel cloud			the r	orth	end of	İ	Funnel Cloud		ele:	Mangum Mar	peeled nor an	some r	bofin orest	area	fball s doir	sized r some	ea without hail fell over damage to cars, rted broken by
Refugio Co.	26	 8:00 am	?	?	D Bay	0	0		Waterspout Bayside,moved		wind total Addi	driven h lled as h cks Reser	il on igh as voir.	West 4 6.9 in Severe	BRD S ches stree	treet in 2 t fle	. Down hours oding	pours 3:30 t	near the same area o 5:30 pm around ed around Loop and Texas 6.
Refugio Co. Aransas Co.	west 27 27		ipated hing						Rain Flooding	P. 3.6	to	were sta	lled a	nd floo	ded b	ut ti	ere wa	ay 279	nown damage
San Patricio Co.	27 Near A sl rain	early mor y 5 inche w moving to cause	ning s of r thunde pondin	grof wa	r the on the	in lo	on the of area	? ne 26th the 2 throu	Rain Flooding wetted the ground. th dropped enough hout all three	Real Co. Bandera Co. Kerr Co. Kerr Co. Kerr Co. Kerr Co. Kerdail Co.	15 15 15 15 15 15	8:30 pm 9:00 pm 10:00 pm 10:30 pm 11:00 pm			000000	00000	? ? 4 4	? 0 0	Hail Hail Hail Wind Rain Flooding Wind
Brazoria Co.	area 27	ties. Wate soon aft 5:00 pm	r was er mid	reporte night t	d ove	r ru h mo:	ning	f the	y roads in all 27th. Funnel Cloud		A ci	luster of	a. Stai	rting il	h Real	1 Cod	ntv. fi	he std	theast over rm dropped rd through
	towa	e funnel o	loud fand. I	brmed j t never	touc	hed	round				Tho	tennet name	⊦ ∧Ր +1	ha atam	m tha	m nad	and in	tto Kar	rd through ere not known. r County over sized hail . At Comfort a
Kerr Co.	Rive 27 a	r and trib	utary iver	creeks At Hunt	ring pn a the	jsudd	n ris	whic	Rain Flooding Guadalupe Closed Highway Seet over flood-		Cou	ty east of ty where k, and 4.	6.6 in 2 inch	ort. Ma ches at es on V River b	Cent Cent erde elow	µ was er Po Creek Cente	neavi int, 5 put a	inche 15 fe	sized hail . At Comfort a others were reas of Kendall eastern Kerr s on Cypress et high rise flooded low
Bandera Co.	Sabi late of M	nal Rivers f in the m edina. The	torm z . At B orning Sabir	andera and wa al Rive	the the shed	edin out hed	ı came highway bver H	n bot up 15 v 16 n ghway	Rain Flooding the Medina and to 17 feet ear the city 187 near	Williamson Co. Travis Co. Travis Co.	16 16 16	12:00 am 1:00 am 3:00 am	ngs on	Highwa	000	0 0 0	4 5 ?	? ?	and 27 near Wind Wind Pain Flooding
Real Co.	road 29	s and brid	ges.	 - - -	0	0	?	 0	nfined to	Blanco Co. Hays Co.	16 Thu	d gusts ov	er wes	tern Ji	llian	oon a	? fter ; ounty	and no	Rain Flooding Pain Flooding t causing damaging rthwest Travis
	arou 83 a thro	nd other r pghout the	t caus iver r	ing a s oads we	harp re wa	rise	on the	Frio low	River. Highway vater crossings		str gla	eams in Tr	into	Planco,	and	iays	Counti Leepir	les. Wi	flooding on nd gusts shattered dents with splint- e area north mes, trees, busi-
Kimble Co.	Duri inch Coun	es over ex ty sent sh	ning t treme arp ri	norther ses dow	n Edo n the	unde vards sou	storm Count h Lla	rains and o Riv	Rain Flooding of 5 to 6 southern Kimble r as well as h Telegraph		dama Geor many tota sout	ps and out red rural retown rod power lir led 5.1 i	barns fs wer es wer nches is Cor	ngs. In over the e peele e knock in west ntv. ar	d fro	t and se om se own.	on Cour i sout veral Rains o Coun hes in	nty sentwest, busined that flux, 7 language	e area north nes, trees, busi- nere wind gusts ureas while in uses and homes, and ollowed the wind inches in m Williamson
!	to J as i was	unction, t neared J reported a	he wat unction t Junc	ers com n in t tion wh	bined he wi ere t	for der he r	a 20- river l ver b	ft ris basin. asin r	which abated No damage emained clear September.		In F Road Blan In T	ty. Nost m ays County 967 near co downstr ravis Cour	ain for Onion Drifts cam to	Il in t Creek rood. The San Ke	no he surge e Bla rcos lood	turs ed ou enco floq ing q	from 1 t of b Liver ding s ccurre	2:30 to anks f rose some ri d on B	o 2:30 am cst. looding Farm larply from lorside roads. larton Creek. ls in the early
Cameron Co.	A fu	11:30 am	form	ER 198	heav	y thu	nderst	orms a	Funnel Cloud nd passed aloft		morr at E of t into	ing and re arton Spri he water w a floodin	ared ngs Po hen to g brow	nto Au ool in l e flood m curre	tin ilke cre nt i	oy ea r Par st ar n les	rly af k had rived s than	ternoo to scri turnin	n where swimmers umble to get out the clear pool unutes. North of
Brazos Co.	14	6:00 pm			0	0 move	5 ment b	İ	Wind severe over Brazos	:	dama	age subdiv ges were r k areas.	ision eport	In Willed allong	liam cre	son C sks i	ounty n Fore	around st Nor	the Balcones Cedar Park some th and Brushy
	gust gust incl	ty and was The shors at 6 pm s came jus aded a col	cente t-live cst ar t afte lapsed	red mai d storm d only r heavy wall a	nly cel last rai t a	byer Lbeg edfo had shopp	the Br an pro r 30 m start ing ma	van=Co lucing inutes ed to L1; ma	llege Station extreme wind Those wind fall. Damages ty trees blown rther damage;	Jefferson Co.	thun the	extreme up	which per Te	moved i	nland	cede fro lood	n the l	stead Culf o	Rain Flooding train of Mexico across s widespread as 1980 in the same
	roof 30 m star	many wind damages; inutes cau ted by lig	ows wo	re blow large of ief str	n in rane eet hose	topp lood caus	uses a led. T ing. S ed no	nd bus ne one everal monet	inesses; widespread inch of rain in fires were ary loss as they sheriff's office		area in n By 7	but the orth and n	degree iddle aunont	of flo Jeffers had re	odin on O	was unty d 5.	as bad inch	d in a es of	few places rain and serious as 7.5 inches and
Comal Co.	repo	rted simil 7:30 pm pugh the 1	ar win /2 inc	d damag h diame	es in 0 rter 1	c nail	roundi ? Mas no	ng rur ? t larg	al areas, Hail p enough to		bad Some home	flooding we evacuation that water than the stalled to the stalled	as in ns wer r rise	progres e neede into t	d in hem f	r pa: the rom t	ts of bouth he st	south Park at reets	and west Peaumont. rea and numerous Scores of
	quan	red the gi	r the	Canyon Ind buil	Lake tup	and into	Canyon drift	City s. One	ph great hrea that it inch of rain for a brief		main powe Hill read	ed intense transmiss for 5 ho ebrandt Ba hes the no	ion li urs. I you wi xt fee	ning st nes and he rain ich for days.	rike: left s ove ced : In ti	s ove al er so t ou te af	r Beau arge p th Be of b ternoc	mont whart of aumont aumont anks aumont no aumont anks au	the storms ich knocked out the city without put a rise on al flooded lower een 2 and 4 pm a
Harris Co.	15 15 15	4:00 pm 4:00 pm 5:30 pm			0 0 0	0 0	5 5 4	0 ? 0	Wind Hail Rain Flooding		rene wate logg	wed burst rs that ha ed just ov	of rai d grad er 11	n added wally a inches	anoi tarti of ra	ther td to tin,	inch reced nost f	es of e. For alling	rain to flood the day Beaumont 5 to 7 am est.
	Hous tion part	ton. Hitti for commof for commof for the commof for	lightr ng at uters. n west	ing, ar rush ho The wo	d to ur, rst l pher	rent the s it a and	ial ra torm c ea wa south	infall reated s a re of No	damaging hail, over northwest hazardous condi- latively small rth Loop 610. damage; blew in		seri in t bein	ous urban nese areas g flooded ur was sai	floodi and a for th	ng. Rai few re e first	nfal side tim	tot ces in	als we in Por 20 year	re 8 ta t Necha rs. Fla	o nearly 10 inches is reported coding in Port ring September

	CAL	PATH		NO. OF		MATED!				CAL	PATH	Ŧ	NO. PERS			ATED†		
PLACE	DATE TIME - LOCAL STANDARD	LENGTH OF 1 (MILES)	WIDTH OF PATH (YARDS)	KILLED	PROPERTY	CROPS	CHARACTER OF STORM	PLACE	DATE	TIME - LOCAL STANDARD	LENGTH OF P	WIDTH OF PATH (YARDS)	KILLED	INJURED	PROPERTY	CROPS	CHARACTER OF STORM	
LATE REPOI	ed)	остовея	1980			!		LATE REPOI TEXAS (continue SOUTHERN		i İ		3ER 19						
Orange Co.	The same serie Jefferson Cour flooding in On	s of sto	orms that inorth mty too	i	1 5	1	Rain Flooding rains on and caused idge City had	Millianson Co. Travis Co. Bastrop Co.	23 23 24	10:30 pm 10:45 pm midnight			0	0	?	?	Funnel Cloud " " Wind	
	A few subdivi	sions rep	corted v	water	in home:	and c	rains on and caused idge City had had accumulated; oon, the city rose gradually idential areas. he nursing home and Orange was ge. Orange rains		Cou thu Cou	nd Rock wh tty. The f derstorm	ich mo unnel develo rural	ved sou apparen ped int areas n	theas tly d p a s brth	tward id no evere	t touc	s north grounds it e	nel cloud over hern Travis hd, but the ntered Pastrop strop scattered	
Medina Co. Bexar Co.	under water as totalled 9 in one residentia 18 10:30 am	thes and	caused	deep atene	street 1 1 by por	lloodin ding w	g. In Vidor	Harris Co. Kontgomery Co.	mov	dd over no	eter h	Harris	and	extre	ne so	thern	Hail Hail rstorm that Hontgomery	
Bexar Co. Cuadalupe Co.	18 12:10 pm 18 12:20 pm A severe thund	erstorm	develop	o o	rth of I	0 0 ake Me	Hail - Hail	COLORADO	Cou	ing and in	to Hon	smath e tgomery 	Coun	ed fr ty ju	om ea st no	st of ? th of	omball to near Lake Houston.	
	late morning hat were proba- the storm there on the Helotes a few stones a	lso inte ours. Ha bly ligh moved i communi s large	nsified il dama it as th nto Fex ty. on as 111/	to thinges we ne ston mar Cou Braum '2 inch	ne west ere not misse my and Road in nes diam	of thi known d the depos north eter f	s storm during the in Hedina County, local towns. ited large hail west San Antonio bil causing	BOULDER	St Tr	aftn,eve.	ok win als an	l ds reac d stree) 0 0 hed s : 1ig	hts y	of 85 ere bl	mph :	High winds n Boulder. wn, and windows	
	cn the northsi hail damages i progressed int areas. Brief u l.5 inches of	de of Sa rom its o Guadal rban flo rain th	n Anton l inch upe Go. oding c at fell	diamet diamet dropp ccurre in 20	12:10 p er ston ping lar ed in Se dinute	m and es. Th ge sto h Anto	is second storm nes over farm nio due to the	IOWA MINNESOTA		 	NONE	MBER 1 REPOR	TED I					
Gillespie Co.	Low water cro motorist had Selma and Geo 18 9:50 am	ssings or to be res rge Roads	n city s scued fr	street rom th	s ran de e dange: 5	epand ouswa	swift and one ters at Lockhill- Wind	SOUTH DAKOT	A		NOVE	REPOR	TED					
Elanco Co.	Morring thund causing scattlin Gillespie rany farm builblown down. Of the Live down a brief but s Gillespie ever	erstorms ered dams lounty mo dings we me ranche ed wires,	racei e ages fro est dans ere badl er lost . Rainfa	eastwa: com the age wa: ly dan; lives: all of ceks wi	sudden sudden streport aded and tock whi 1.8 ind	these high v ed are power ch war hes in tinuir	Vind two counties ind gusts. und Doss where lines were dered into 15 minutes put g rains in eastern oon and put a	CORRECTION FLORIDA	111	6 AM - 6 AM EST		BER 1		0	6	0	HEAVY RAIN AND	
	In Flanco Cour storm moved es small stream	on the P nty simil astward. Plooding.	edernal ar wind Also br	les Riv	ges were	exper se dow	ienced as the npours caused		REC CAL BUS	12TH. TH	IS IS KEY HEAV	THE H WEST. Y DAM/ OMES.	EAVI WID GE T DAMA	EST ESPF O AE GE V	EAD FOUT S	JUR AN LOOD: JOO CA	WEST NOVEMBER OUNT EVER ING OF HOMES AND RS AND 500 ED BY INSURANCE	
Kerr Co.	The same stordropped large which hit east property. Small and neighboril	n that ca hail pve t of Kerr ll stream	ville,	igh win ern Ke cause flood	nds over rr Count i minor ing last	Gille y. The damage ed bri	efly in Kerr	MONROE COUNTY	12 THE VI:	AFTERNOO	N REPOR	TED FI	VE D	O IFFE THE	C RENT DURI	0 WATE	WATERSPOUTS SPOUTS WERE E AFTERNOON,	
Harris Co. (Jersey Village)	A line of thu	2/10 derstorm	20 0	on sub	4 rdugh ti into of e	0 me area ersey	Tornado generated one Village. It touched	DADE COUNTY	A S DAM A G	AGING RO	OF5,	TOUCH! BREAK	NG V	INDO	WS AN	D UPF	TORNADO T DADE COUNTY OOTING TREES IN MATED LESS THAN	
	roof and porch and overturned was short live	n from a la parke ed, and w	vacant ed car o as prec the en	house, on 1600 ceded a	It the X Delog and foll Houston	n cros ner. I lowed b	sed the block t moved very fast, y heavy rain. ith the associated	BROWARD COUNTY	A S	DUCING H	HAIRS	ROOF	AMAG ID A	E AN SWIN	D BRO	POOL	TORNADO UM IN MARGATE JINDOWS. A JWERE BLOWN JESTIMATED	
Caldwell Co.	18 2:00 pm Mr. Carl Fey, on a ranch cl from the Harw injured by the	ood comm	s old, whe Capldwanity.	Andthe	ri voung	 	th him was		\$50)00. 								
Harris Co.	a deer blind 18 2:45 pm A funnel pass first near Sw	in a meac ed alort eetwater produced	over no	orthwe st Road	st Harri	s Cous	Furnel Cloud ty. It was spotted mse thunderstorms damage, but there											

- Includes crop damage.
 Crop damage.
 Crop damage.
 Hiles instead of yards.
 Yards instead of miles.
 Storm damages are placed in categories varying from 1 to 9 as follows:
 1 Less than \$50
 2 \$50 to \$500
 3 \$500 to \$5,000
 4 \$5,000 to \$5,000
 5 \$50,000 to \$500,000
 6 \$500,000 to \$500,000
 6 \$500,000 to \$5 Million
 7 \$5 Million to \$5 Million
 8 \$50 Million to \$50 Million
 9 \$500 Million to \$5 Billion

Note: This publication contains our best information on storms but, due to the difficulties inherent in collection of the type of data, it is not all-inclusive. Late Reports and Corrections will be carried in the month following receipt of these data.

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